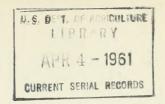
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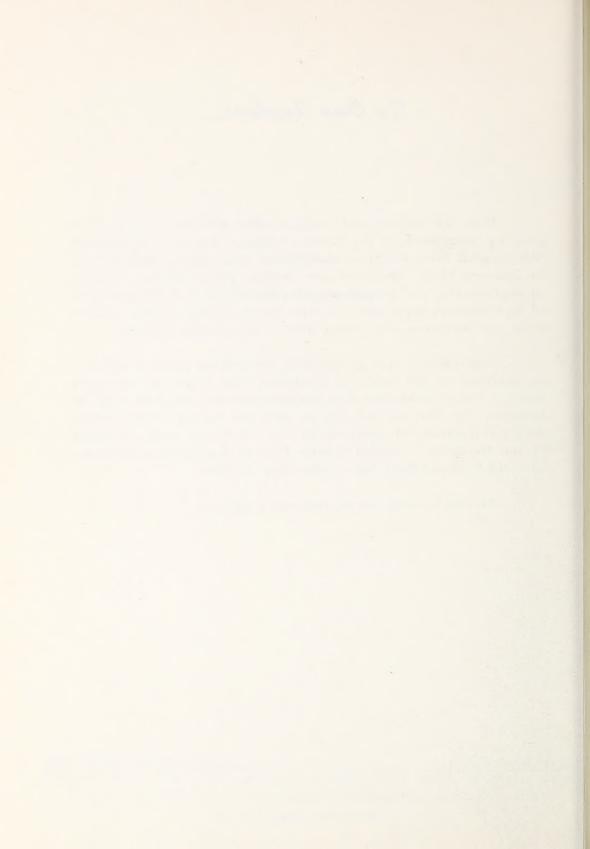
Dorothy E. Bennett

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This list includes all publications written wholly or in part by members of the Central States Forest Experiment Station staff from the time the Station was established in 1927 to January 1960. Included are Station publications, articles in periodicals, and bulletins published by the U.S. Department of Agriculture, agricultural experiment stations, state agencies, universities, and other public and private groups.

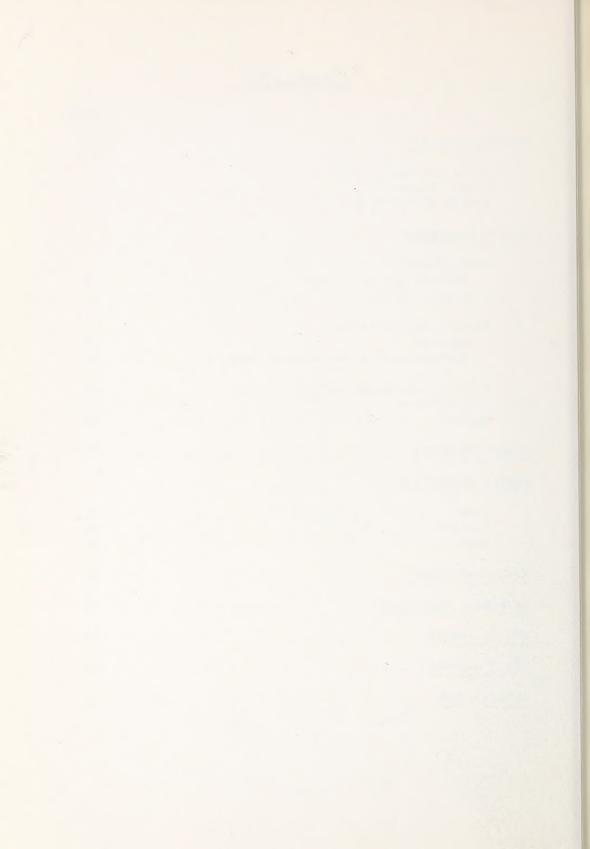
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# Contents

|                                 | Page |
|---------------------------------|------|
| FOREST ECONOMICS                |      |
| Marketing and Production        | 1    |
| Forest Resources                | 5    |
| Aerial Photography              | 10   |
| FOREST MANAGEMENT               |      |
| Measurements                    |      |
| methods and principles          | 12   |
| volume tables                   | 15   |
| Seeding and Planting            |      |
| general                         | 20   |
| forestation of strip-mined land | 25   |
| Silvics (including soils)       | 28   |
| Silviculture                    | 33   |
| General                         | 40   |
| FOREST PRODUCTS                 | 43   |
| FOREST PROTECTION               |      |
| Fire                            | 47   |
| Disease                         | 48   |
| Insects                         | 51   |
| RANGE MANAGEMENT                | 53   |
| WATERSHED MANAGEMENT            | 56   |
| ANNUAL REPORTS                  | 58   |
| MISCELLANEOUS                   | 60   |
| AUTHOR INDEX                    | 65   |



# Forest Economics

# Marketing and Production

# Day, Ralph K.

1944 Farm lumber under the new lumber control order.
Ohio Agr. Ext. Jour.

#### Farrell, John H.

- 1939 Small forest owner attitudes studied in southeast Missouri. Mo. Forestry and Forest Industries.
- \* 1959 What a pulp mill could mean to Missouri.
  Missouri Business 10(2): 5-7.

#### Hosner, J. F.

- 1952 Southern Illinois timber markets. Agr. Dept., Southern Ill. Univ.
- 1952 Wood markets for southern Illinois. Agr. Dept., Southern Ill. Univ.

#### Hutchison, O. Keith

- 1949 Marketing Missouri white oak as stave bolts. Sta. Note 57.
- \* 1956 Forester cites need for high quality hardwoods. The Wooden Barrel 25(4): 4, 5, 16.

#### Hutchison, O. Keith and Winters, Robert K.

1951 Marketing the farm forest products of southern Illinois. Tech. Paper 123. (Published by the Univ. of Southern Ill.).

#### Kellogg, L. F.

- 1942 The 1941 production of black walnut lumber in the corn belt states. Tech. Note 55.
- 1943 Preliminary report on lumber production for 1942 in Indiana. Tech. Note 58.
- 1943 Preliminary report on lumber production for 1942 in Iowa. Tech. Note 56.
- 1943 Preliminary report on lumber production for 1942 in Kansas. Tech. Note 61.

<sup>\*</sup> Publication available for distribution.

# Kellogg, L. F. (Con.)

- 1943 Preliminary report on lumber production for 1942 in Missouri. Tech. Note 59.
- 1943 Preliminary report on lumber production for 1942 in Nebraska. Tech. Note 62.
- 1943 Preliminary report on lumber production for 1942 in Ohio. Tech. Note 57.
- 1945 Factors affecting wartime prices for black walnut stumpage. Jour. Forestry 43(12): 880-882.

# Kellogg, L. F. and Richman, H. W.

1943 Preliminary report on lumber production for 1942 in Illinois. Tech. Note 60.

# Krajicek, John E.

- \* 1954 Special market makes harvesting low-grade trees profitable. Sta. Note 87.
  - 1955 Special market makes harvesting low-grade trees profitable. Sho-Me Live Wire 6(6): 10. (Reprint of Sta. Note 87, same title, 1954).

## McCauley, Orris D.

- \* 1958 1957 Pulpwood harvest Central States. Sta. Note 120.
- \* 1958 Pulpwood prices and measures in the Central States. Sta. Note 124.
- \* 1959 Forest products prices in Ohio 1958. Tech. Paper 161.

# McCauley, Orris D. and Quigley, Kenneth L.

- \* 1957 Markets for Ohio timber. Misc. Release 14.
- \* 1958 Forest products prices in Ohio 1957. Tech. Paper 157.

# Mendel, Joseph J.

- \* 1959 Pulpwood production in the Central States 1958. Sta. Note 130.
- \* 1959 Veneer-log production and consumption in the Central States 1958. Tech. Paper 166.
- \* 1959 Cooperage logs and bolts--production and consumption in the Central States 1958. Sta. Note 140.

# Mitchell, Glen H. and Quigley, Kenneth L.

1957 Large market ahead for Ohio Christmas trees. Ohio Farm and Home Res. 42(309): 92.

- Mitchell, Glen H. and Quigley, Kenneth L. (Con.)
  - 1958 Christmas tree purchasing habits of greater Columbus, Ohio consumers--1956. Ohio Agr. Exp. Sta., Dept. Agr. Econ. and Rural Sociol., Mimeo. A. E. 287.

## Morgan, James T.

- 1949 The production of wood chips for coarse fiber in the Central States Region. Tech. Paper 111.
- 1950 Kentucky lumber production 1948. Sta. Note 58.
- 1952 Hoosier forest harvest. Outdoor Indiana, Dec. issue, pp. 16-17.

## Quigley, Kenneth L.

- \* 1949 Lumber production rate from various-sized logs at Missouri Ozark sawmills. Sta. Note 55.
- \* 1950 Marketing farm woodland products in the Missouri Ozarks. Tech. Paper 116.
  - 1951 Cross tie markets in the Missouri Ozarks. Cross Tie Bul., June issue, pp. 14-16.
- \* 1952 Pine resources and markets in the Missouri Ozarks. Mo. State Dept. Resources and Development Bul.
  - 1954 Ohio farm woodlands can be profitable (Profit from Ohio woods.) Ohio State Univ. MM 105.
  - 1955 Markets for forest products in Kentucky. Ky. Agr. Exp. Sta. Bul. 628.
- \* 1955 Ohio's timber harvest revealed in stumps. Forest Survey Release 18.
- Quigley, K. L. and Clark, F. B.
  - \* 1951 Fence posts, a potential market for Missouri pine timber. Mo. State Dept. Resources and Development Bul.
- Quigley, Kenneth L. and Hornbeck, Benn L.
  - \* 1958 Marketing Kentucky timber. Ky. Agr. Exp. Sta. Bul. 655.
- Quigley, Kenneth L. and McCauley, Orris D.

  1957 Ohio's forest industries and markets.

  Northeast. Logger 6(5): 20-21, 62-64.

- Quigley, Kenneth L. and Mitchell, Glen H.
  - \* 1958 Ohio-grown Christmas trees--production and marketing. Tech. Paper 152.
  - \* 1959 How Ohioans choose their Christmas trees. Tech. Paper 163.
- Quigley, Kenneth L. and Yoho, James G.
  - \* 1957 Marketing timber from Iowa farm woodlands. Iowa State College, F-122.
- Requirements, Products Supplies Staff.
  - 1944 Production, distribution, and pricing practices of small sawmills in the Missourisouthern-Illinois portion of the south central hardwood region. Prepared for WPB and OPA.
  - 1944 Production, distribution, and pricing practices of small sawmills in the north central hardwood region. Prepared for WPB and OPA.

# Thornton, Phillip L.

- \* 1957 1955 Pulpwood production in the Central States. Sta. Note 100.
- \* 1957 Pulpwood production continues to increase in the Central States. Sta. Note 104.
- \* 1957 1956 Charcoal production in the Central States. Sta. Note 109.
- \* 1957 Veneer-log production in the Central States 1956. Sta. Note 112.
- Whitmore, Roy A. and Thornton, Phillip L.
  - \* 1955 Lumber-value meter for central hardwood sawlogs. Sta. Note 89. (Also printed in Forest Farmer 15(1): 22.)
- Worley, David P.
  - \* 1958 Pulpwood or sawlogs? From small hardwood trees. Tech. Paper 156.

#### Forest Resources

- Becker, Maxwell E.
  - 1950 Forest survey procedures for area and volume determination. Jour. Forestry 48: 465-469.
- Byrd, J. M.
  - 1939 Forest resources of Preble County, Ohio
    (WPA in cooperation with Central States Forest
    Exp. Sta. and Div. of Forestry, Ohio Agr. Expt.
    Sta.): Ohio Div. of Forestry Publications 59.
  - 1941 Forest resources of Butler County, Ohio
    (WPA in cooperation with Central States Forest
    Exp. Sta. and Div. of Forestry, Ohio Agr. Expt.
    Sta.): Ohio Forest Survey Report 8.
- Cann, James J.
  - 1942 Forest resources of Logan County, Ohio (WPA in cooperation with Central States Forest Expt. Sta. and Div. of Forestry, Ohio Agr. Expt.Sta.):
    Ohio Forest Survey Report 17.
- Central States Forest Experiment Station
  - 1944 Ohio's forest resources. (In cooperation with the Ohio Agr. Expt.Sta.): Forest Resource Report 76.
  - \* 1956 Iowa forest statistics. Forest Survey Release 20.
  - \* 1957 Central States Timber resources. Misc. Release 13.
- Compton, L. F. and Winters, R. K.
  - \* 1952 Distribution of tree species in Kentucky. Forest Survey Release 11.
- Conway, Emmett A.
  - 1940 Forest resources of Wayne County, Ohio. (WPA in cooperation with Central States Forest Expt. Sta. and Div. of Forestry, Ohio Agr. Expt.Sta.): Ohio Div. of Forestry Publications 65.
  - 1941 Forest resources of Richland County, Ohio
    (WPA in cooperation with Central States Forest
    Expt.Sta. and Div. of Forestry, Ohio Agr. Expt.
    Sta.): Ohio Forest Survey Report 7.
- Crawmer, J. Richard
  - 1942 Forest resources of Stark County, Ohio (WPA in cooperation with Central States Forest Expt. Sta. and Div. of Forestry, Ohio Agr. Expt.Sta.):
    Ohio Forest Survey Report 11.

Crawmer, J. Richard and Pennock, Gilbert L., Jr.

1942 Forest resources of Holmes County, Ohio. (WPA in cooperation with Central States Forest Expt. Sta. and Div. of Forestry, Ohio Agr. Expt.Sta.): Ohio Forest Survey Report 18.

#### Crowthers, Gerald W.

1943 Forest resources of Coshocton County, Ohio.
(WPA in cooperation with Central States Forest
Expt.Sta. and Div. of Forestry, Ohio Agr. Expt.
Sta.): Ohio Forest Survey Report 21.

# Forest Survey Organization

- 1948 Forest resources of the eastern Ozark Region in Missouri. Forest Survey Release 1.
- 1948 Forest resources of the southwestern Ozark Region in Missouri. Forest Survey Release 2.
- 1948 Forest resources of the northwestern Ozark Region in Missouri. Forest Survey Release 3.
- 1948 Forest resources of the prairie region in Missouri. Forest Survey Release 4.
- 1948 Forest resources of the riverborder region in Missouri. Forest Survey Release 5.
- 1948 Forest resources of Missouri. Forest Survey Release 6.
- 1949 Forest resources of Illinois. Forest Survey Release 7.
- 1950 Forest statistics of western Kentucky. Forest Survey Release 8.
- 1950 Forest statistics of central Kentucky. Forest Survey Release 9.
- 1951 Forest statistics of southern Indiana. Forest Survey Release 10.
- \* 1952 Forest statistics of eastern Kentucky. Forest Survey Release 12.
- \* 1952 Forest statistics of Kentucky. Forest Survey Release 13.
- \* 1952 Forest statistics of central and northern Indiana. Forest Survey Release 14.
- \* 1953 Forest statistics of Indiana. Forest Survey Release 15.
  - 1954 Forest statistics for the glaciated region of Ohio. Forest Survey Release 16.
  - 1954 Forest statistics for the hill country of Ohio. Forest Survey Release 17.

- Gysel, Leslie
  - 1941 Forest resources of Auglaize County, Ohio.
    (WPA in cooperation with Central States Forest
    Expt Sta. and Div. of Forestry, Ohio Agr. Expt
    Sta.): Ohio Forest Survey Report 13.
- Hartong, A. L. and Moessner, K. E.
   \* 1956 Wooded strips in Iowa. Forest Survey Release 21.
- Hutchison, O. Keith
  - \* 1956 Highlights of the Central States forests. Forest Prod. Jour. 6(7): 255-258.
  - \* 1956 Indiana's forest resources and industries. U.S. Dept. of Agr. Forest Res. Report 10.
- Hutchison, O. Keith and Morgan, James T.

  \* 1956 Ohio's forests and wood-using industries.
  Forest Survey Release 19.
- Hutchison, O. Keith and Thornton, Phillip L.

  1957 Ohio's forest resources. Northeast. Logger
  6(4): 20-21, 56-58.
- Hutchison, O. Keith and Winters, Robert K.
  - \* 1952 The timber outlook for Kentucky. Southern Lumberman pp. 161-163, Dec. 15 issue.
  - \* 1953 Kentucky's forest resources and industries. U.S. Forest Service Res. Report 7.
- King, D. B., Roberts, E. V., and Winters, R. K.
  \* 1949 Forest resources and industries of Missouri.
  Missouri Agr. Expt. Sta. Res. Bul. 452.
- King, D. B. and Winters, R. K.
  \* 1952 Forest resources and industries of Illinois.
  Ill. Agr. Expt. Sta. Bul. 562.
- Lindeman, Karl
  - 1940 Forest resources of Lorain County, Ohio.

    (WPA in cooperation with Central States Forest Expt Sta. and Div. of Forestry, Ohio Agr. Expt Sta.): Ohio Div. of Forestry Publications 68.
  - 1942 Forest resources of Huron County, Ohio. (WPA in cooperation with Central States Forest Expt. Sta. and Div. of Forestry, Ohio Agr. Expt. Sta.):
    Ohio Forest Survey Report 19.

Loew, Erwin A.

1940 Forest resources of Medina County, Ohio.

(WPA in cooperation with Central States Forest Expt Sta. and Div. of Forestry, Ohio Agr. Expt Sta.) Ohio Div. of Forestry Publications 69.

McMaster, William C.

1941 Forest resources of Portage County, Ohio.

(WPA in cooperation with Central States Forest Expt Sta. and Div. of Forestry, Ohio Agr. Expt Sta.): Ohio Forest Survey Report 9.

Quigley, K. L.

1953 Who owns Ohio's forests? The Ohio Conserv. Bul. 17: 16-17.

Rothacker, Jack S.

1942 Forest resources of Clinton County, Ohio.

(WPA in cooperation with Central States Forest
Expt Sta. and Div. of Forestry, Ohio Agr. Expt
Sta.): Ohio Forest Survey Report 15.

Root, Cornell A.

1941 Forest resources of Shelby County, Ohio. (WPA in cooperation with Central States Forest Expt Sta. and Div. of Forestry, Ohio Agr. Expt Sta.):
Ohio Forest Survey Report 6.

Schlemmer, Nelson

1941 Forest resources of Miami County, Ohio. (WPA in cooperation with Central States Forest Expt Sta. and Div. of Forestry, Ohio Agr. Expt Sta.):
Ohio Forest Survey Report 5.

1942 Forest resources of Warren County, Ohio. (WPA in cooperation with Central States Forest Expt Sta. and Div. of Forestry, Ohio Agr. Expt Sta.): Ohio Forest Survey Report 20.

Schramm, W. O.

1942 Forest resources of Franklin County, Ohio.

(WPA in cooperation with Central States Forest
Expt Sta. and Div. of Forestry, Ohio Agr. Expt
Sta.): Ohio Forest Survey Report 16.

Thornton, Phillip L. and Morgan, James T.

\* 1959 The forest resources of Iowa. Forest Survey Release 22.

Tonti, Edward

1941 Forest resources of Madison County, Ohio. (WPA in cooperation with Central States Forest Expt Sta. and Div. of Forestry, Ohio Agr. Expt Sta.):
Ohio Forest Survey Report 12.

Ulmer, Jacob S.

1942 Forest resources of Mahoning County, Ohio.

(WPA in cooperation with Central States Forest
Expt Sta. and Div. of Forestry, Ohio Agr. Expt
Sta.): Ohio Forest Survey Report 14.

# Aerial Photography

- Brunson, F. Dean and Jensen, Chester E.
  - \* 1951 Controlled sampling for aerial-photo timber cruises. Station Note 66.
- Garver, R. D. and Moessner, K. E.
  - 1949 Forest service use of aerial photographs. Photogrammetric Engin. 15: 504-517.
- Hutchison, O. Keith
  - 1948 Aerial photo alignment guide. Station Note 50.
  - 1949 Aerial photo alignment guide. Jour. Forestry 47(3): 204-206.
- Jensen, Chester E.
  - \* 1948 Dot-type scale for measuring tree-crown diameters on aerial photographs. Station Note 48.
- Kramer, Paul R. and Sturgeon, Edward E.
  - 1942 Transect method of estimating forest area from aerial photograph index sheets. Jour. Forestry 40(9): 693-696.
- Moessner, Karl E.
  - 1947 The value of aerial photographs to the forest manager. Soc. Amer. Foresters Proc. 1947: 377-384.
  - 1947 A crown density scale for photo interpreters. Jour. Forestry 45(6): 434-436.
  - 1948 The aerial photo-scale. Jour. Forestry 46(11): 843-844.
  - 1948 Photo classification of forest sites. Soc. Amer. Foresters Proc. 1948: 278-291.
  - 1948 Forest stand-size class keys for photo interpreters. Jour. Forestry 46(2): 107-109.
  - \* 1949 A crown-density scale for photo interpreters. Station Note 52. (Slightly revised 1954).
  - \* 1949 A percent slope scale for photo interpreters. Station Note 53.
    - 1949 An improved mounting for field stereoscopes. Station Note 54.
    - 1949 Stereograms illustrating forest sites. Misc. Release 4.
    - 1950 A stereogram for training in the use of parallax wedge. Station Note 60.

### Moessner, Karl E. (Con.)

- \* 1953 An aerial photo scale-protractor. Station Note 74.
- \* 1953 Photo interpretation in forest inventories. Photogrammetric Eng. 19: 496-507.
  - 1954 A simple test for stereoscopic perception.
    Tech. Paper 144.
  - 1954 How to make stereo slides from aerial photos. Station Note 85.
- Moessner, Karl E., Brunson, Forrest D. and Jensen, Chester E.
  - 1950 The accuracy of stand-height measurements on air photos. Station Note 59.
  - 1951 Aerial volume tables for hardwood stands in the Central States. Tech. Paper 122.
- Moessner, Karl E. and Jensen, Chester E.
  1951 Timber cruising on aerial photos. Tech.
  Paper 126.
- Thornton, Phillip L.
  - 1954 An aid for stereo dot counting on aerial photos. Station Note 84.
- Winters, Robert K.
  - 1950 Timber surveyors take to the air. Outdoor Ind. 17: 4-5.

# Gorest Management

# Measurements

(Methods and Principles)

- Clark, F. Bryan and Leney, Lawrence
  - \* 1955 A homemade caliper for measuring small trees. Jour. Forestry 53(7): 517-518.
- Cummings, William H.
  - 1937 Tree fork and steel tape for close measurement of small diameters. Jour. Forestry 35(7): 654-660.
  - 1939 Diameter class gauges for small stems. Jour. Forestry 37(4): 349.
- Deitschman, Glenn H.
  - \* 1956 Plotless timber cruising tested in upland hardwoods. Jour. Forestry 54(12): 844-845.
- Emmer, R. E.
  - \* 1941 A simple method of estimating a taper value for a section of the stem of a tree. Jour. Forestry 39(12): 1035.
- Gaiser, R. N.
  - 1951 Random sampling within circular plots by means of polar coordinates. Jour. Forestry 49: 916-917.
- Gaiser, R. N. and Merz, R. W.
  1951 Stand density as a factor in estimating white
  oak site index. Jour. Forestry 49: 572-574.
- Hall, Ralph C. (Bur. of Ent. and Plant Quarantine)
  1935 Handling and filing increment cores. Jour.
  Forestry 33(9): 821-822.
- Hutchison, O. Keith

  \* 1958 Use the wedge with a staff compass. Sta.

  Note 123.
- Jensen, Chester E. and Woerheide, John D.
   \* 1956 Pin oak form class. Sta. Note 97.

- Kellogg, L. F.
  - 1934 The climbing method for taking tree measurements in plantations of the central states. Jour. Forestry 32(7): 704-708.
  - 1939 Site index curves for plantation black walnut, Central States Region. Sta. Note 35.
  - \* 1939 Site index curves for plantation black locust, Central States Region. Sta. Note 36.
- Kuenzel, John G.
  - 1937 An improved angle level for crown mapping and lineal surveying. Jour. Forestry 35(4): 413-414.
- Liming, Franklin G.
  - \* 1946 A sectional pole for measuring tree heights. Jour. Forestry 44(7): 512-514.
    - 1957 Homemade dendrometers. Forest Equip. Notes, Food & Agr. Organization of the U. N., Rome, Italy. Reprint of Jour. Forestry 55(8): 575-577.
  - \* 1957 Homemade dendrometers. Jour. Forestry 55(8): 575-577.
- Liming, Franklin G. and Clark, F. Bryan
  - \* 1955 A new pole for measuring small trees. Jour. Forestry 53(4): 288-289.
- Merz, R. W.
  - \* 1953 Site-index estimates made easy. Jour. Forestry 51: 749-750.
- Minckler, Leon S. and Green, Alan W.
  - \* 1958 Upland hardwoods form classes. Sta. Note 118.
- Neebe, David J. and Boyce, Stephen G.
  - \* 1959 Site index curves for eastern cottonwood. Sta. Note 126.
  - \* 1959 A rapid method of establishing permanent sample plots. Jour. Forestry 57(7): 507.
- Quigley, Kenneth L.
  - \* 1954 Estimating volume from stump measurements. Tech. Paper 142.

Schnur, G. Luther and Lane, Richard D.

\* 1948 Log rule comparison, International 1/4-inch, Doyle, and Scribner. Sta. Note 47.

1950 Aids for computing tree volumes in Illinois. Tech. Paper 115.

Thornton, Phillip and Hutchison, O. Keith

\* 1958 Cumulative-volume tally sheets for point sampling. Sta. Note 114.

Winters, Robert K.

1930 Suitability of the Liljenstrom dendrometer for reading diameters of trees in black walnut plantations. Jour. Forestry 28(4): 511-514.

#### Measurements

(Volume tables)

- Adman, A. G. and Diller, O. D.
  - 1940 Volume table for yellow poplar (Liriodendron tulipifera) in Stark County, Ohio. (International rule 1/4" kerf.) Tech. Note 12.
  - 1940 Volume table for cucumber tree (Magnolia acuminata), Stark County, Ohio. (International rule 1/4" kerf.) Tech. Note 13.
  - 1940 Volume table for basswood (Tilia glabra), Stark County, Ohio. (International rule - 1/4" kerf.) Tech. Note 14.
  - 1940 Volume table for northern red oak (Quercus borealis), Stark County, Ohio. (International rule 1/4" kerf.) Tech. Note 16.
  - 1940 Volume table for sugar maple (Acer saccharum),
    Stark County, Ohio. (International rule 1/4"
    kerf.) Tech. Note 17.
  - 1940 Volume table for black walnut (Juglans nigra), Stark County, Ohio. (International rule 1/4" kerf.) Tech. Note 18.
  - 1940 Volume table for white ash (Fraxinus americana), Stark County, Ohio. (International rule 1/4" kerf.) Tech. Note 19.
  - 1940 Volume table for white oak (Quercus alba),
    Stark County, Ohio. (International rule 1/4"
    kerf.) Tech. Note 20.
- Barrett, L. I.
  - 1929 Four volume tables for second-growth yellow poplar. Mimeo.
- Clark, F. Bryan and Williams, Robert D.
  - \* 1958 Cubic foot volume tables for planted shortleaf pine. Sta. Note 121.
- Crawmer, J. Richard and Kellogg, L. F.
  - 1941 Local volume table for yellow poplar (Liriodendron tulipifera) in Holmes County, Ohio. (International rule 1/4" kerf.) Tech. Note 24.
  - 1941 Local volume table for eastern white pine (Pinus strobus) in Holmes County, Ohio. (International rule 1/4" kerf.) Tech. Note 25.
  - 1941 Local volume table for eastern hemlock (Tsuga canadensis) in Holmes County, Ohio. (International rule 1/4" kerf.) Tech. Note 26.

- Crawmer, J. Richard and Kellogg, L. F. (Con.)
  - 1941 Local volume table for white oak (Quercus alba) in Holmes County, Ohio. (International rule 1/4" kerf.). Tech. Note 29.
  - 1941 Local volume table for red oak (Quercus borealis) in Holmes County, Ohio. (International rule 1/4" kerf.). Tech. Note 33.
- Diller, O. D. and Kellogg, L. F.
  - 1940 Local volume table for yellow poplar (Liriodendron tulipifera) in Stark County, Ohio. (International rule 1/4" kerf.).
    Tech. Note 1.
  - Local volume table for cucumber (Magnolia acuminata) in Stark County, Ohio. (International rule 1/4" kerf.). Tech. Note 2.
  - 1940 Local volume table for basswood (Tilia glabra) in Stark County, Ohio. (International rule 1/4" kerf.). Tech. Note 3.
  - 1940 Local volume table for red oak (Quercus borealis) in Stark County, Ohio. (International rule 1/4" kerf.). Tech. Note 4.
  - 1940 Local volume table for sugar maple (Acer saccharum) in Stark County, Ohio. (International rule 1/4" kerf.). Tech. Note 5.
  - 1940 Local volume table for white ash (Fraxinus americana) in Stark County, Ohio. (International rule 1/4" kerf.). Tech. Note 7.
  - 1940 Local volume table for hickories (Hicoria spp.) in Stark County, Ohio. (International rule 1/4" kerf.). Tech. Note 8.
  - 1940 Local volume table for white oak (Quercus alba) in Stark County, Ohio. (International rule 1/4" kerf.). Tech. Note 9.
  - 1940 Local volume table for black walnut (Juglans nigra) in Stark County, Ohio. (International rule 1/4" kerf.). Tech. Note 6.
  - 1940 Local volume table for yellow poplar (Liriodendron tulipifera) in Hamilton County, Ohio. (International rule 1/4" kerf.).
    Tech. Note 22.
- Emmer, R. E.
  - 1941 Volume table for chestnut oak (Quercus montana),
    Monroe, Muskingum, Pike, Ross, and Washington
    Counties, Ohio. (International rule 1/4"
    kerf.). Tech. Note 39.

- Emmer, R. E. (Con.)
  - 1941 Volume table for slippery elm (Ulmus fulva),
    Ross, Knox, and Medina Counties, Ohio. (International rule 1/4" kerf.). Tech. Note 40.
  - 1941 Volume table for shagbark, pignut, and bitternut hickories (Hicoria ovata, H. glabra, and H cordiformis), Pike, Ross, Monroe, Gallia,

    Coshocton, Medina, Richland, and Holmes Counties, Ohio. (International rule 1/4" kerf.). Tech.

    Note 41.
  - 1941 Volume table for shortleaf pine (Pinus echinata),
    Jackson and Gallia Counties, Ohio. (International rule 1/4" kerf.). Tech. Note 42.
  - 1941 Volume table for pitch pine (Pinus rigida),
    Jackson and Hocking Counties, Ohio. (International rule 1/4" kerf.). Tech. Note 43.
  - 1941 Volume table for Virginia pine (Pinus virginiana),
    Pike and Hocking Counties, Ohio. (International
    rule 1/4" kerf.). Tech. Note 44.
  - 1941 Volume table for sugar maple (Acer saccharum),
    Ashtabula, Geauga, Highland, Mahoning, Medina,
    Portage, Pike, Richland, Ross, and Knox Counties,
    Ohio. (International rule 1/4" kerf.). Tech.
    Note 46.
  - 1941 Volume table for American sycamore (Platanus occidentalis), Belmont, Holmes, Knox, Lawrence, Pike, and Richland Counties, Ohio. (International rule 1/4" kerf.). Tech. Note 47.
  - 1941 Volume table for black cherry (Prunus serotina),
    Ashtabula, Monroe, Muskingum, Perry, Pike, Portage,
    Richland, Ross, and Stark Counties, Ohio. (International rule 1/4" kerf.). Tech. Note 48.
  - 1941 Volume table for pin oak (Quercus palustris),
    Columbiana, Portage, Richland, and Trumbull
    Counties, Ohio. (International rule 1/4" kerf.)
    Tech. Note 50.
- Emmer, R. E., Crawmer, J. Richard and Schramm, W. O.

  1941 Volume table for American beech (Fagus grandifolia),
  Franklin, Stark, and Holmes Counties, Ohio. (International rule 1/4" kerf.). Tech. Note 45.
- Emmer, R. E. and Crawmer, J. Richard

  1941 Volume table for black oak (Quercus velutina),

  Holmes County, Ohio. (International rule 1/4"

  kerf.). Tech. Note 52.

- Emmer, R. E., Kuenzel, J. G. and Kellogg, L. F.

  1942 Volume table for white oak (Quercus alba),
  Union, Jackson, and Hardin Counties, Illinois.
  Technical Note 54.
- Emmer, R. E. and Schramm, W. O.
  1941 Volume table for northern red and scarlet oaks
  (Quercus borealis and Q. coccinea), Franklin

County, Ohio. (International rule - 1/4" kerf.)
Tech. Note 53.

Johnson, Floyd A. and Crawmer, J. Richard.

- 1941 Volume table for eastern white pine (Pinus strobus), Mohican River Gorge, Holmes County, Ohio. (International rule 1/4" kerf.)
  Tech. Note 35.
- 1941 Volume table for eastern hemlock (Tsuga canadensis), Holmes County, Ohio. (International rule 1/4" kerf.). Tech. Note 36.
- 1941 Volume table for black gum or black tupelo
  (Nyssa sylvatica), Holmes County, Ohio.
  (International rule 1/4" kerf.). Tech. Note 37.

# Kellogg, L. F.

- 1934 A black locust volume table for contents in cubic feet. Sta. Note 7.
- 1934 A black locust volume table for contents in board feet. (International rule 5" top.) Sta. Note 9.
- \*1934 A black locust volume table for contents in board feet. (Scribner rule 8" top.) Sta. Note 10.
  - 1934 A black locust volume table for contents in merchantable cubic feet. Station Note 11.
- \* 1934 Preliminary table of post contents of plantation black locust. Sta. Note 13.
  - 1934 Table of standard bolt cuts of plantation black locust. Sta. Note 14. (Rev. 1935).
- \* 1934 A black walnut volume table for contents in board feet. (Scribner rule 8" top). Sta. Note 20.
  - 1934 A black walnut volume table for contents in board feet. (Scribner rule 10" top). Sta. Note 21.
- \* 1948 A volume table for black walnut trees in natural stands in Iowa. Sta. Note 42.

- Kellogg, L. F., Emmer, R. E. and DenUyl, Daniel
  - 1941 Volume table for black maple and sugar maple
    (Acer nigrum and Acer saccharum), Marshall
    County, Indiana. (International rule 1/4"
    kerf.) Tech. Note 51.
- Lexen, B. R.
  - 1934 A black walnut volume table for contents in cubic feet. Sta. Note 17.
  - 1934 A black walnut volume table for contents in merchantable cubic feet. Sta. Note 18.
- Lexen, B. R. and Clements, V. A.
  - 1934 A black walnut volume table for contents in board feet. (International rule 5" top). Sta. Note 19.
- McCarthy, E. F.
  - 1929 Normal yield table of second-growth yellow poplar. Mimeo.
- Schnur, G. Luther
  - 1937 Yield, stand and volume tables for even-aged upland oak forests. U.S. Dept. Agr. Tech. Bul. 560.
- Schramm, W. O. and Kellogg, L. F.
  - 1941 Local volume table for white oak (Quercus alba) in Franklin County, Ohio. (International rule 1/4" kerf.) Tech. Note 27.
  - 1941 Local volume table for white ash (Fraxinus americana) in Franklin County, Ohio. (International rule 1/4" kerf.). Tech. Note 30.
  - 1941 Local volume table for black walnut (Juglans nigra) in Franklin County, Ohio. (International rule 1/4" kerf.) Tech. Note 31.

# Seeding and Planting

(General)

#### Auten, John T.

- 1935 Successful forest planting requires better site appraisals. Jour. Forestry 33(10): 861-864.
- \* 1945 Response of shortleaf and pitch pines to soil amendments and fertilizers in newly established nurseries in the central states. Jour. Agr. Res. 70(12): 405-426.
- \* 1947 Forests for old fields. Yearbook of Agr., pp. 473-480.

### Baker, Willis M.

- 1933 Reforestation as a means of land utilization. Farm Week Program, Univ. of Illinois. Mimeo.
- 1937 Reforestation problems in the central states.
  Indiana Farmers Guide 93(5). (Reprinted in
  "Illinois Conservation," Springfield, Illinois.
  Fall issue).

### Champagne, E. Garth

- \* 1953 Browsing deer discouraged by repellent. Sta. Note 80.
  - 1953 Covers protect small trees when spraying with herbicides. Sta. Note 79.
  - 1954 Wood chip mulch improves red pine survival. Sta. Note 86.

#### Chapman, A. G.

- 1935 Observations on the nursery development of shortleaf pine seedlings. Sta. Note 22.
- \* 1935 A modified "Ames" type of scarifier for black locust seed. Sta. Note 26.
  - 1936 Scarification of black locust seed to increase and hasten germination. Jour. Forestry 34(1): 66-74.
  - 1936 A basis for selection of species for reforestation in the central hardwood region. Sta. Note 29.
  - 1937 An ecological basis for reforestation of submarginal lands in the central hardwood region. Ecology 18(1): 93-105.
- \* 1940 Problems in forestation research. Jour. Forestry 38(2): 176-180.

- Chapman, A. G. (Con.)
  - 1944 Classes of shortleaf pine nursery stock for planting in the Missouri Ozarks. Jour. Forestry 42(11): 818-826.
  - 1947 Growing tree seedlings at home. The Contour (Friends of the Land), 1(3): 2.
  - \* 1948 Survival and growth of various grades of shortleaf pine planting stock. Iowa State College Jour. Sci. 22(4): 323-331.
- Chapman, A. G. (Co-author with others)

  \*1948 Woody-plant seed manual. U.S. Dept. Agr. Misc.

  Pub. 654. (For sale only-Supt. of Doc., Wash. D.C).
- Clark, F. Bryan
  1958 Direct seeding yellow-poplar. Jour. Forestry
  56(5): 351.
- Cummings, W. H.

  1941 Effect of screen protection on first-season
  growth of yellow poplar planted in an old field.
  Tech. Note 28.
  - \* 1942 Exposure of roots of shortleaf pine stock. Jour. Forestry 40(6): 490-492.
- Engle, LaMont G. and Clark, F. Bryan
  \* 1959 New rodent repellents fail to work on acorns
  and walnuts. Sta. Note 138.
- Engle, LaMont G. and Williams, Robert D.

  \* 1957 Scarifying seedbed boosts yellow poplar germination. Sta. Note 110.
- Gaiser, Richard N. and Merz, Robert W.
  1953 Growth of planted red and white pine in Ohio
  and Indiana. Tech. Paper 138.
- Green, Alan W. and Green, LeeRoy
  \* 1959 Fast-starting species best in some Iowa
  plantations. Sta. Note 133.
- Kautz, Lorin G. and Liming, Franklin G.
  1939 Notes on the 1937 and 1938 acorn crops in the
  Missouri Ozarks. Jour. Forestry 37(11): 904.
- Kellogg, L. F. 1930 Which species shall we plant? First Cent. States Forestry Cong. Proc., Indianapolis, Ind., pp. 213-226.

- Kellogg, L. F.
  - 1931 Forest plantings in central states repay their cost manyfold. Yearbook of Agr., pp. 256-257.
  - 1933 Extraction of black locust seed. Sta. Note 2.
  - 1933 Black locust planting for erosion control. Sta. Note 3. (Rev. 1935.)
  - 1934 Failure of black locust--coniferous mixtures in the central states. Sta. Note 15. (Rev. 1936).
  - 1936 Collection, extraction, and yield of black locust seed. Sta. Note 28.
  - 1936 An improvement for the Ehrhart planting tray. Jour. Forestry 34(10): 947-948.
- Kuenzel, John G.
  - 1933 Collection of black locust seed. Sta. Note 1.
- Lane, R. D. and McComb, A. L.
  - 1953 Effects of grass competition upon the establishment of hardwood plantations in Iowa. Iowa Agr. Expt.Sta. Research Bul. 399.
- Limstrom, G. A.
  - 1958 Stratify yellow-poplar seed or sow directly? Tree Planters' Notes 32: 3-4.
  - \* 1959 Yellow-poplar seed quality varies by seed trees, stands, and years. Sta. Note 134.
- Limstrom, G. A., Finn, Raymond F. and Deitschman, Glenn H.
  1953 How to grade yellow-poplar planting stock.
  Sta. Note 81.
  - \* 1955 Planting stock grades for yellow-poplar. Jour. Forestry 53(1): 28-32.
- Limstrom, Gustaf A. and Finn, Raymond F.
  - \* 1956 Seed source and nursery effects on yellow-poplar plantations. Jour. Forestry 54(12): 828-831.
- McLintock, Thomas F.
  - 1940 Effects of ground preparation on survival and growth of planted pine and black locust. Tech. Note 23.
  - 1942 Stratification as a means of improving results of direct seeding of pines. Jour. Forestry 40(9): 724-728.

# Merz, Robert W.

- \* 1951 Comparative survivals and costs of plantations by different methods of ground preparation and planting. Sta. Note 64.
- \* 1955 Yellow-poplar responds to preplanting ground treatment. Tech. Paper 150.

# Merz, Robert W. and Funk, David T.

\* 1959 Preplanting ground treatment tests for white pine in southeastern Ohio. Tech. Paper 167.

# Minckler, Leon S.

- \* 1948 Planted pines on claypan soils of southern Illinois. Sta. Note 44.
- \* 1948 Shipmast vs. common black locust in southern Illinois. Sta. Note 45.
- \* 1948 Planted black locust on claypan soils of southern Illinois. Sta. Note 46.
  - 1949 Establishing new forests by planting and seeding: A problem analysis. Mimeo.
  - 1950 Effect of seed source on height growth of pine seedlings. Jour. Forestry 48: 430-431.
  - 1951 Fall planting can be successful. Jour. Forestry 49: 284-285.
- \* 1951 Fall planting of pine on upland soils of southern Illinois. Tech. Paper 118.
  - 1952 Comparative success of conifers and hardwoods planted on two old-field sites in southern Illinois. Sta. Note 67.
- \* 1953 Poor oak sites may grow good pine. Tech. Paper 134.
  - 1952 Planted pines can produce new wealth in southern Illinois. Public Aid in Ill. 19(6): 4-6.

# Minckler, Leon S. and Chapman, Arthur G.

- 1948 Tree planting in the Central, Piedmont, and Southern Appalachian Regions. U.S. Dept. Agr. Farmers Bul. 1994.
- \* 1954 Direct seeding of pines in the central hardwoods region. Tech. Paper 140.

# Minckler, Leon S. and Deitschman, Glenn H.

\* 1953 Success of planted pines varies with species and site. Sta. Note 76.

#### Minckler, Leon S. and Ryker, Russell A.

\* 1959 Partial conversion of poor hardwood stands to conifers by planting. Tech. Paper 159.

Myers, Ben F.

1936 A home-made thresher for black locust seed pods.
Sta. Note 27.

Plass, William T.

\* 1952 Direct seeding tests on old fields in southeastern Ohio. Sta. Note 71.

Pruett, Emerson and Setzer, Theodore S.

\* 1959 Mulch around newly planted trees can be detrimental. Sta. Note 132.

Ryker, Russell A.

\* 1958 Conifers vs. hardwoods on old-field sites. Sta. Note 122.

Walters, Russell S.

\* 1959 Conversion planting on poor hardwood sites shows promise in Ohio. Tech. Paper 168.

Williams, Robert D. and Beers, Thomas W.

\* 1959 Seed source affects height growth of planted jack pine. Sta. Note 137.

Woerheide, John D.

\* 1959 Loblolly seed from Maryland best of six sources tested in southern Illinois. Sta. Note 129.

# Seeding and Planting

(Forestation of strip-mined land)

- Boyce, Stephen G. and Merz, Robert W.
  - \* 1959 Tree species recommended for strip-mine plantations in western Kentucky. Tech. Paper 160.
- Boyce, Stephen G. and Neebe, David J.
  - \* 1959 Trees for planting on strip-mined land in Illinois. Tech. Paper 164.

#### Chapman, A. G.

- \* 1944 Forest planting on strip-mined coal lands with special reference to Ohio. Tech. Paper 104.
  - 1947 Rehabilitation of areas stripped for coal. Tech. Paper 108.
  - 1948 Cover for the spoil banks. The Land 7(1): 41-45.
  - 1948 More efficient uses for stripped lands. American Mining Congress Yearbook, Coal Mine Modernization 291-295.
  - 1949 Progress in stripped land regeneration research.

    American Mining Congress Yearbook, Coal Mine
    Modernization.

# Clark, F. B.

- 1951 Reclamation of land strip-mined for coal. Mo. Log 6: 7-9, 81, 90.
- \* 1954 Forest planting on strip-mined land in Kansas, Missouri, and Oklahoma. Tech. Paper 141.

#### Deitschman, Glenn H.

- \* 1950 Seedling survival and height growth on graded and ungraded strip-mined land in southern Illinois. Sta. Note 62.
  - 1950 Comparative survival and growth of trees planted under three types of overhead cover on stripmined land in southern Illinois. Sta. Note 63.

# Deitschman, G. H. and Lane, R. D.

- 1951 How strip-mined lands grow trees profitably. Coal Age. Dec. 1951.
- \* 1952 Forest planting possibilities on Indiana coalstripped lands. Tech. Paper 131.
- Deitschman, Glenn H. and Neckers, J. W.
  - 1953 Identification and occurrence of sulphides on land stripped for coal. Tech. Paper 136.

# Finn, Raymond F.

- \* 1952 The nutrient content of leaves and tree growth as affected by grading on three strip-mined areas. Sta. Note 70.
- \* 1958 Ten years of strip-mine forestation research in Ohio. Tech. Paper 153.

# Forest Management Staff

1949 The reclamation of strip-mined lands by forest planting. (Prepared for United Nations Scientific Conference Field Trip on the conservation and utilization of resources, Columbus, Ohio, Sept. 8, 1949.)

#### Lane, R. D.

1952 Illinois spoil banks have gone to work. Ill. Wildlife 7(2): 9-10.

## Limstrom, G. A.

- 1948 Extent, character, and forestation possibilities of lands stripped for coal in the central states. Tech. Paper 109.
- 1950 Overburden analyses and strip-mine conditions in northeastern Ohio. Tech. Paper 114.
- 1950 Overburden analyses and strip-mine conditions in mid-eastern Ohio. Tech. Paper 117.
- \* 1952 Effects of grading strip-mined lands on the early survival and growth of planted trees. Tech.

  Paper 130.
  - 1953 A bibliography of strip-mine reclamation. Misc. Release 8.

# Limstrom, G. A. and Deitschman, G. H.

\* 1951 Reclaiming Illinois strip coal lands by forest planting. Univ. Ill. Agr. Expt Sta. Bul. 547.

# Limstrom, G. A. and Merz, R. W.

- 1949 Rehabilitation of lands stripped for coal in Ohio. Tech. Paper 113.
- 1951 Overburden analyses and strip-mine conditions in the northwestern district of the Ohio coalmining region. Tech. Paper 124.
- 1951 Overburden analyses and strip-mine conditions in southeastern Ohio. Tech. Paper 127.

# Merz, Robert W.

\* 1949 Character and extent of land stripped for coal in Kentucky. Kentucky Agr. Expt.Sta. Circ. 66.

- Merz, Robert W. and Finn, Raymond F.
  - 1951 Differences in infiltration rates on graded and ungraded strip-mined lands. Sta. Note 65.
- Merz, R. W. and Plass, W. T.
  1952 Natural forestation on a strip-mined area in
  Ohio. Sta. Note 68.

# Rogers, Nelson F.

- \* 1949 The growth and development of black walnut on coal strip-mined land in southeast Kansas.

  Trans. Kansas Acad. Sci. 52(1): 99-104.
- \* 1951 Strip-mined lands of the Western Interior Coal Province. Univ. Mo. Agr. Expt. Sta. Research Bul. 475.

# Silvics

# (Including soils)

# Auten, John T.

- 1933 Porosity and water absorption of forest soils. Jour. Agr. Res. 46(11): 997-1014. (Reprinted as Sta. Note 8.)
- 1933 Site requirements of black locust. Sta. Note 4. (Replaced by Sta. Note 31.)
- 1933 Base exchange differences in old-growth forest and adjacent cultivated soils. Amer. Soil Surv. Assoc. Bul. 14.
- 1934 Bibliography of organic and forest soils, 1926-1934. Amer. Soil Surv. Assoc. Committee. Mimeo.
- 1934 Calcium and magnesium losses from cultivation of forest land. Jour. Forestry 32(4): 419-424.
- 1934 Porosity and water absorption of forest soils.

  (Also published in Jour. Agr. Res. 46(11): 9971014). Sta. Note 8.
- 1934 The effect of forest burning and pasturing in the Ozarks on the water absorption of forest soils. Sta. Note 16.
- 1936 Soil profile studies in relation to site requirements of black locust and black walnut. Sta.
  Note 31.
- 1937 Site requirements of yellow poplar. Sta. Note 32.
- 1937 A method of site evaluation for yellow poplar based on depth of the undisturbed  $A_1$  soil horizon. Sta. Note 33.
- 1941 Forest soil properties associated with continuous oak, old-field pine, and abandoned field cover in Vinton County, Ohio. Tech. Note 34.
- 1941 Black locust, pines, and sassafras as builders of forest soil. Tech. Note 32.
- 1941 Notes on old-growth forests in Ohio, Indiana, and Illinois. Tech. Note 49.
- \* 1945 Relative influence of sassafras, black locust, and pines upon old-field soils. Jour. Forestry 43(6): 441-446.
- \* 1945 Some soil factors associated with site quality for planted black locust and black walnut. Jour. Forestry 43(8): 592-598.
- \* 1945 Prediction of site index for yellow poplar from soil and topography. Jour. Forestry 43(9): 662-668.

- Auten, John T. (Con.)
  - 1949 Abstracts and citations of forest soil literature published in the United States. Mimeo.
- Auten, John T. and Plair, T. B.
  1949 Forests and soils. Yearbook of Agr. pp. 114-119.
- Auten, John T., Sims, Ivan H. and Munns, E. N.
  1938 Management of forest soils. Yearbook of Agr.
  pp. 737-750.
- Barrett, L. I.
  - 1931 Influence of forest litter on the germination and early survival of chestnut oak. Ecology 12(3): 476-484.

#### Brinkman, Kenneth A.

- \* 1957 Silvical characteristics of black oak. Misc. Release 19.
- \* 1957 Silvical characteristics of black walnut.
  Misc. Release 22.

#### Carmean, Willard H.

- 1957 The structure of forest soils. Ohio Jour. Sci. 57(3): 165-168.
- \* 1958 Silvical characteristics of yellow buckeye.
  Misc. Release 29.

## Chapman, A. G.

- \* 1933 Some effects of varying amounts of nitrogen on the growth of tulip poplar seedlings. Ohio Jour. Sci. 33(3): 164-181.
  - 1935 The effects of black locust on associated species with special reference to forest trees. Ecol. Monog. 5: 37-60.
  - 1941 Tolerance of shortleaf pine seedlings for some variations in soluble calcium and H-ion concentration. Plant Physiol. 16(2): 313-326.

# Clark, F. Bryan

- \* 1958 Silvical characteristics of swamp white oak.
  Misc. Release 25.
- \* 1958 Silvical characteristics of butternut.
  Misc. Release 28.

#### Cummings, William H.

\* 1941 A method for sampling the foliage of a silver maple tree. Jour. Forestry 39(4): 382-384.

- Deitschman, Glenn H.
  - \* 1958 Silvical characteristics of bur oak.
    Misc. Release 27.
- Diller, O. D.
  - 1935 The relation of temperature and precipitation to the growth of beech in northern Indiana. Ecology 16(1): 72-81.
  - 1937 Soil moisture content during critical periods in the regeneration of previously grazed farm woodlands. Jour. Forestry 35(4): 399-402. (Reprinted as Sta. Note 34).
  - \* 1938 Soil moisture content during critical periods in the regeneration of previously grazed farm woodlands. Sta. Note 34. (Also published in Jour. Forestry 35(4): 399-402.)
- Finn, Raymond F.
  - 1953 Mineral content of leaves clue to white oak site quality. Tech. Paper 135.
- Funk, David T.
  - 1957 Silvical characteristics of honeylocust.
    Misc. Release 23.
- Gaiser, R. N.
  - 1950 Relation between soil characteristics and site index of loblolly pine in the coastal plain region of Virginia and the Carolinas. Jour. Forestry 48: 271-275.
  - 1951 Relation between topography, soil characteristics, and the site index of white oak in southeastern Ohio. Tech. Paper 121.
  - 1952 Readily available water in forest soils. Soil Sci. Proc. 16(4): 334-338.
  - \* 1949 A simple soil sampler and its use as a permeameter. Tech. Paper 112.
    - 1952 Root channels and roots in forest soils. Soil Sci. Proc. 16(1): 62-65.
- Gaiser, R. N. and Campbell, J. R.
  - \* 1951 The concentration of roots in the white oak forests of southeastern Ohio. Tech. Paper 120.
- Goodell, B. C.
  - \* 1939 Soil freezing as affected by vegetation and slope aspect. Jour. Forestry 37(8): 626-629.

Hall, Ralph C.

1932 A simple, inexpensive instrument for the measurement of light. Ecology 13(2): 214-217.

Krajicek, John E.

\* 1958 Silvical characteristics of hackberry. Misc. Release 31.

Lane, Richard D. and McComb, A. L.

1948 Wilting and soil moisture depletion by tree seedlings and grass. Jour. Forestry 46(5): 344-349.

Limstrom, G. A.

\* 1957 Silvical characteristics of chinkapin oak.
Misc. Release 24.

Merz, Robert W.

\* 1957 Silvical characteristics of Ohio buckeye.
Misc. Release 16.

\* 1957 Silvical characteristics of shellbark hickory.
Misc. Release 18.

\* 1958 Silvical characteristics of American sycamore.
Misc. Release 26.

Meyer, B. S.

1927 Studies of the physical properties of leaves and leaf sap. Ohio Jour. Sci. 27: 263-288.

1927 The measurement of the rate of water-vapor loss from leaves under standard conditions. Amer. Jour. Bot. 14: 582-591.

Minckler, Leon S.

1955 Observations on open-grown, non-native conifers in southern Illinois. Amer. Midland Nat. 54: 460-465.

\* 1957 Silvical characteristics of pin oak. Misc. Release 20.

1957 Silvical characteristics of white oak. Misc. Release 21.

Roach, Benjamin A.

\* 1958 Silvical characteristics of black locust.
Misc. Release 30.

Sander, Ivan L.

\* 1957 Silvical characteristics of northern red oak.
Misc. Release 17.

Walters, Russell S.

\* 1956 A soil tube extractor. Sta. Note 95.

Williamson, M. J.

\* 1957 Silvical characteristics of eastern redcedar.
Misc. Release 15.

# Silviculture

- Attridge, J. Milton and Liming, Franklin G.
  - 1940 Establishment of shortleaf pine in the Missouri Ozarks following seed bed preparation and release. Tech. Note 10.
- Boyce, Stephen G. and Parry, Robert E.
  - \* 1958 Effects of seedbed conditions on yellow-poplar regeneration. Jour. Forestry 56(10): 751-753.
- Brinkman, K. A.
  - 1951 Growth of a white pine plantation in Iowa.

    Jour. Forestry 49: 445.
  - \* 1955 Epicormic branching on oaks in sprout stands. Tech. Paper 146.
  - \* 1959 Killing oak brush a tricky business. Tech. Paper 165.
- Brinkman, Kenneth A. and Krajicek, John E.
  - \* 1950 Growth of a white pine plantation in Iowa. Sta. Note 61.
- Carmean, Willard H.
  - \* 1959 Litter weight not reduced following clearcutting of poor-site oak stands. Jour. Forestry 57(3): 208-209.
- Chapman, A. G. and Lane, R. D.
  - \* 1951 Effects of some cover types on interplanted forest tree species. Tech. Paper 125.
- Clark, F. Bryan
  - \* 1953 Time required to prune black walnut trees. Sta. Note 78.
  - \* 1955 Black walnut responds to pruning. Jour. Forestry 53(5): 362-365.
  - \* 1956 Growth of shortleaf pine after thinning. Sta. Note 93.
- Clark, F. Bryan and Liming, Franklin G.
  - \* 1953 Sprouting of blackjack oak in the Missouri Ozarks. Tech. Paper 137.
  - \* 1957 Low-grade hardwood stands in the Missouri Ozarks respond to stand improvement. Jour. Forestry 55(5): 354-358.

Cummings, William H.

- 1941 Fertilizer trials for improved establishment of shortleaf pine, white ash, and yellow-poplar plantings on adverse sites. Jour. Forestry 39(11): 942-946.
- \* 1942 Early effects of pruning in a young shortleaf pine planting. Jour. Forestry 40(1): 61-62.
- \* 1942 Nutrition of black locust in fertilized field plantings. Sta. Note 41.

Dale, Martin E.

- \* 1958 Ground treatment and seed supply influence establishment of shortleaf pine reproduction. Sta. Note 119.
- Day, Ralph K. and DenUyl, Daniel
  1932 Natural regeneration of farmwoods following
  the exclusion of livestock. Purdue Agr. Expt.
  Sta. Bul. 368.

Deitschman, Glenn H.

- \* 1956 Growth of underplanted hardwoods in black locust and shortleaf pine plantations. Sta. Note 94.
- DenUyl, Daniel, Diller, Oliver D. and Day, Ralph K.

  \* 1938 The development of natural reproduction in
  previously grazed farmwoods. Purdue Agr. Expt.
  Sta. Bul. 431. (Replaced Purdue Bul. 368,
  issued in 1932.)
- Diller, O. D.

  1935 The relation of stump height to the sprouting of hop hornbeam in northern Indiana. Sta.
  Note 25.
- Diller, O. D. and Marshall, E. D.

  1937 The relation of stump height to the sprouting of Ostrya virginiana in northern Indiana.

  Jour. Forestry 35(12): 1116-1119.
- Engle, LaMont G.
   \* 1959 Growth of upland hardwoods in southern Indiana.
   Sta. Note 127.

Finn, R. F.

1953 Foliar nitrogen and growth of certain mixed and pure forest plantations. Jour. Forestry 51: 31-33.

Funk, David T.

\* 1958 Frost damage to yellow-poplar varies by seed source and site. Sta. Note 115.

Green, Alan W.

\* 1959 Something new on bur oak germination. Sta. Note 136.

Green, Alan W. and Neebe, David J.

\* 1957 Early development of yellow-poplar on two planting sites. Sta. Note 106.

Greth, John W.

\* 1957 Ax girdling kills large cull hardwoods. Sta. Note 107.

Hosner, John F. and Minckler, Leon S.

\* 1957 Chemical debarking offers means of utilizing pine thinnings. Jour. Forestry 55(6): 458-460.

Johnston, John P.

\* 1941 Height-growth periods of oak and pine reproduction in the Missouri Ozarks. Jour. Forestry 39(1): 67-68.

Kellogg, L. F.

1933 Growth of black locust. Sta. Note 6.

Krajicek, John E.

1955 A good Norway spruce plantation in Iowa. Sta. Note 90.

\* 1955 Rodents influence red oak regeneration. Sta. Note 91.

1956 Rodents influence red oak regeneration. Sho-Me Live Wire 7(5): 12. (Reprint of Sta. Note 91).

\* 1959 Epicormic branching in even-aged, undisturbed white oak stands. Jour. Forestry 57(5): 372-373.

Krajicek, John E. and Brinkman, Kenneth A.

\* 1957 Crown development: An index of stand density. Sta. Note 108. (Also published in Sho-Me Live Wire 9(2): 2.)

- Kuenzel, John G.
  - 1935 The influence of degree of cutting on the survival and early growth of chestnut oak seedlings. Sta. Note 23.
- Kuenzel, John G. and Joranson, Philip N.
  - \* 1940 Control of sprouting from white oak stumps. Jour. Forestry 38(9): 735-736.
- Kuenzel, John G. and McGuire, John R.
  - \* 1942 Response of chestnut oak reproduction to clear and partial cutting of overstory. Jour. Forestry 40(3): 238-243.
- Lane, Richard D. and Liming, Franklin G.
  - 1939 Some effects of release on planted shortleaf pine in the Missouri Ozarks. Sta. Note 37.
- Lane, Richard D. and Fassnacht, Donald L.
  - \* 1948 Young pine plantation thinnings yield merchantable products. Sta. Note 51.
- Liming, Franklin G.
  - \* 1941 Two new girdling saws. Jour. Forestry 39(12): 1029-1031.
  - \* 1945 Natural regeneration of shortleaf pine in the Missouri Ozarks. Jour. Forestry 43(5): 339-345.
  - \* 1946 Response of planted shortleaf pine to overhead release. Tech. Paper 105.
- Liming, Franklin G. and Johnston, John P.
  - \* 1944 Reproduction in oak-hickory forest stands of the Missouri Ozarks. Jour. Forestry 42(3): 175-180.
- Liming, Franklin G. and Seizert, B. F.
  - \* 1943 Relative height growth of planted shortleaf pine and cut-back and uncut hardwood reproduction after release. Jour. Forestry 41(3): 214-216.
- Limstrom, G. A. and Deitschman, Glenn H.
  - \* 1953 Early response to thinning of shortleaf pine in Indiana. Sta. Note 82.
- McCarthy, E. F.
  - 1930 A case in management of sprout hardwoods. Mimeo.

- McCarthy, E. F. (Con.)
  - 1933 Yellow-poplar characteristics, growth, and management. USDA Tech. Bul. 356.
- McLintock, Thomas F.
  - 1940 Growth response of planted pitch pine to differential pruning. Tech. Note 15.
  - 1940 Effect of intensity of pruning on sprout formation in young planted pitch pine. Tech. Note 21.
- Martin, S. Clark and Rogers, Nelson F.
  - \* 1955 2,4,5-T better than girdling for killing trees. Sta. Note 88.
- Merz, Robert W. and Boyce, Stephen G.
  - \* 1956 Age of oak "seedlings". Jour. Forestry 54(11): 774-775.
  - \* 1958 Reproduction of upland hardwoods in southeastern Ohio. Tech. Paper 155.
- Merz, R. W. and Plass, W. T.
  - \* 1952 Natural regeneration on old fields in southeastern Ohio. Tech. Paper 129.
- Minckler, Leon S.
  - 1949 More on stagnation of growth. Jour. Forestry 47(9): 745-746.
  - 1950 Managing northern hardwoods. Jour. Forestry 48: 446-447.
  - 1950 Characteristics of unmanaged, well-stocked stands and interim stocking guides for some upland hard-wood forests. Paper presented at Div. Silvic., SAF Ann. Mtg., Wash. D. C.
  - 1951 Annual cuttings unsound in unmanaged woodlots.

    Jour. Forestry 49: 649.
  - 1951 Southern pines from different geographic sources show different responses to low temperature. Jour. Forestry 49: 915-916.
  - \* 1952 Early growth of managed upland hardwood forests in southern Illinois. Sta. Note 72.
  - \* 1953 How thinning influences growth of pin oak. Tech. Paper 139.
  - \* 1955 Early growth response of central hardwoods to management. Soc. Amer. Foresters Proc. 1954: 60-65.
  - \* 1955 How tree size affects time needed to prune shortleaf pine. Jour. Forestry 53(9): 665-666.

- Minckler, Leon S. (Con.)
  - 1956 Tree classes in the unmanaged forests of southern Illinois and application to forest management. Ill. Acad. Sci. Trans. 48: 49-54.
  - \* 1957 Response of pole-sized white oak trees to release. Jour. Forestry 55(11): 814-815.
  - \* 1958 Bottomland hardwoods respond to cutting. Tech. Paper 154.
  - \* 1959 Concepts basic to the practice of hardwood silviculture. Proc., Soc. Amer. Foresters 1958: 155-157.
- Minckler, Leon S. and Deitschman, Glenn H.
  - \* 1949 Thinning a 13-year-old loblolly pine plantation on claypan soil in southern Illinois. Sta. Note 56.
  - \* 1953 Growth of thinned and unthinned loblolly pine in southern Illinois. Sta. Note 73.
- Minckler, Leon S., Fassnacht, Donald L. and Train, Robert K.

  \* 1948 Growth and species evaluation of some unmanaged
  upland hardwoods in southern Illinois. Tech.
  Paper 110.
- Minckler, Leon S. and Jensen, Chester E.
  - \* 1959 Reproduction of upland central hardwoods as affected by cutting, topography, and litter depth. Jour. Forestry, 57(6): 424-428.
- Minckler, Leon S. and Lamendola, Paul E.
  - \* 1953 Growth of a well-stocked cottonwood stand. Sta. Note 75.
- Minckler, Leon S. and Roach, Benjamin A.
  - 1953 Estimating girdling time. Jour. Forestry 51(11): 824-825.
  - 1953 Girdling time for hardwoods. Sta. Note 77.
  - 1955 First steps in managing central hardwood forests. South. Lumberman 191 (2393): 119-122.
- Plass, William T.
  - \* 1956 Killing hardwoods with herbicides in southeastern Ohio. Sta. Note 98.
- Plass, William T. and Greth, John W.
  - \* 1959 Cutting practice demonstrations in upland hardwoods. Tech. Paper 162.

Roach, Benjamin A.

\* 1958 Heavy "thinning" is poor practice in mature shortleaf pine. Sta. Note 116.

Rogers, Nelson F.

\* 1958 Airplane-sprayed herbicides release shortleaf pine from hardwoods. Sta. Note 117. (Also printed in South. Lumberman 197(2457): 36, and Forest Notes, American Pulpwood Assoc.)

Sander, Ivan L.

\* 1956 White pine plantations for timber and seed. Sta. Note 96.

\* 1957 Disking increases shortleaf pine reproduction, but... Sta. Note 111.

Sander, Ivan L. and Williamson, M. J.

\* 1957 Response of a mixed hardwood stand in eastern Kentucky to a harvest cutting. Jour. Forestry 55(4): 291-293.

Walters, Russell S.

\* 1959 Modified girdler shows no advantage. Sta. Note 135.

Williams, Robert D.

\* 1959 Growth and yield of a thinned shortleaf pine plantation. Tech. Paper 169.

## General

- Baker, Willis M.
  - 1936 Comments on timber stand improvement in the central states. Sta. Note 30.
- Brinkman, K. A. and Krajicek, J. E.
  - 1952 Natural mortality and cull in bigtooth aspen stands in northeast Iowa. Sta. Note 69.
- Champagne, E. Garth and Krajicek, John E.
  - \* 1954 Hardwood slash can pay its way. Sta. Note 83.
- Chapman, A. G.
  - \* 1942 Forests of the Illinoian till plain of southeastern Indiana. Ecol. 23(2): 189-198.
    - 1947 Lumber when you need it. The Farm Quarterly 2(4): 44-49, 107-108.
    - 1955 A review of current thinking on Christmas tree grades. Pa. Christmas Tree Growers' Assoc. Bul. 46: 4-6.
- Day, Ralph K. and Kuenzel, John G. (Co-authors with others).
  1936 Continuous forest crops from Dubois County,
  Indiana farmwoods. Mimeo.
- Diller, O. D.
  - 1937 An improved paint spray outfit for numbering trees. Jour. Forestry 35(7): 693-694.
- Fassnacht, Donald L. and Train, Robert
  - \* 1948 Tree defects common in the upland forests of southern Illinois. Sta. Note 49.
- Genaux, Charles M. and Kuenzel, John G.
  - 1939 Defects which reduce quality and yield of oakhickory stands in southeastern Iowa. Iowa State College Agr. Expt Sta. Res. Bul. 269.
- Greth, John W.
  - \* 1956 A case study of cull trees on the Kaskaskia Experimental Forest. Sta. Note 99.
- Gruschow, George F.
  - \* 1939 Performance of hybrid poplar cuttings in the Forest Service nursery, Vallonia, Indiana. Sta. Note 39.

- Hall, J. Alfred.
  - \* 1941 Objectives in farmwoods management in the central hardwood region. Sta. Note 40. (Also published in Ames Forester, 29: 31-34).
- Hall, J. Alfred et al.

  1940 Woodland management. Ohio State Univ. Agr.
  Ext. Serv. Bul. 213. (2nd edition, 1946).
- Hall, Ralph C. (Bureau of Entomology and Plant Quarantine)
  1936 A paint spray outfit for numbering trees. Jour.
  Forestry 34(2): 141-146.
- Hosner, J. F. and Lane, R. D.

  \* 1953 Making farm woodland improvement pay. Tech.
  Paper 133.
- Hutchison, O. K.

  1952 Forest cover maps can be made cheaply and quickly. Jour. Forestry 50: 221-222.
- Kaeiser, Margaret and Pillow, Maxon Y.
   \* 1955 Tension wood in eastern cottonwood. Tech.
   Paper 149.
- Kuenzel, John G.
  1940 Ohio farm forests pay dividends. Ohio State
  Grange Monthly 53(9): 4-5.
- Kuenzel, John G. and Averell, J. L.
  1935 An addition to the forest cover types of the
  eastern United States. Jour. Forestry 33(7):
  697-698.
- Lane, Richard D. and Kuenzel, John G.

  \* 1940 Tree defects and stand conditions on the
  Hacker Creek experimental area Morgan-Monroe
- Hacker Creek experimental area Morgan-Monroe State Forest, Indiana. Sta. Note 38.

  Liming, Franklin G.
- \* 1942 Blackjack oak in the Missouri Ozarks. Jour. Forestry 40(3): 249-252.
  - 1945 Outlook for managed Ozark forests is good. Willow Springs News, Willow Springs, Mo.
  - 1946 The range and distribution of shortleaf pine in Missouri. Tech. Paper 106.

- Limstrom, G. A.
  - 1955 Current forest tree improvement research in the central states. Lake States Misc. Rpt. 40, pp. 37-41.
- Limstrom, G. A. and Kuenzel, John G.
  1937 Factors affecting the extent of defect in
  certain upland hardwoods on the Clark Purchase
  Unit in Missouri. Mimeo.
- Little, Elbert L. Jr., Brinkman, Kenneth A. and McComb, A. L. 1957 Two natural Iowa hybrid poplars. Forest Sci. 3(3): 253-262.
- Minckler, Leon S.
  - \* 1952 Loblolly pine seed source and hybrid tests in southern Illinois. Tech. Paper 128.
    - 1952 What do foresters hope to accomplish in forest genetics? Jour. Forestry 50: 871-872.
  - \* 1953 Recent advances in the field of forest genetics. Ill. State Acad. Sci. Trans. 46: 56-62.
- Minckler, Leon S., Fassnacht, Donald L. and Train, Robert K.
  1949 How to double the value of your woodland.
  Prairie Farmer, p. 32, Aug. 20, 1949.
- Minckler, Leon S. and Hosner, J. F. \* 1956 How to farm your forest. Misc. Release 11.
- Minckler, Leon S. and Lamendola, Paul

  \* 1959 Forestry...your best bet on poorly drained
  bottomland. Successful Farming 57(4): 107, 110.
- Minckler, Leon S. and Ryker, Russell A.

  \* 1959 Color, form, and growth variations in eastern
  redcedar. Jour. Forestry 57(5) 347-349.
- Morgan, James T.

  1947 Farm woodlands in the corn belt region of Illinois. Tech. Paper 107.
- Whitmore, Roy A. Jr. and Jackson, Willard L.

  \* 1957 An improved method for estimating quality in
  standing trees. Jour. Forestry 55(2): 142-143.
- Worthington, Robert E., Day, Besse B. and Putnam, J. A. 1941 Northern Illinois farm woodlands. Mimeo.

# Forest Products

- Brundage, M. R.
  - 1946 The forest utilization services. Cross Tie Bul. 27(8).
  - 1947 Recommended procedure for use of SCR-626 army mine detector. Mimeo.
  - 1948 Detecting metal in logs. Wood 3(5): 15-17.
  - 1948 Electronic detection of concealed metal in timber. Proc. 24th Nat'l. Shade Tree Conf., 74-80
  - \* 1949 Detecting hidden metal in wood with the SCR-625 army mine detector. (Rev. Oct. 1949). Mimeo.
- Bulgrin, Erwin H. and Walters, Russell S.
  - \* 1959 Butt-log tree grading works in Ohio. Sta. Note 128.
- Central States Forest Experiment Station
  - \* 1957 Hardwoods for pulp. Published by Area Services, Div., So. Ill. Univ., 28 pp.
- Champagne, E. Garth
  - 1959 The forest yields new products. School Sci. and Math., March 1959, pp. 198-206.
- Clark, W. P. and Headlee, T. M.
  - \* 1958 Roof your lumber and increase your profits. Forest Products Jour. 8(12): 19A-21A.
- Day, Ralph K.
  - 1929 Forests follow the charcoal burner. Empire Forestern, N. Y. State College of Forestry.
  - \* 1948 A "Jeep logger." U. S. Forest Products Laboratory Report R1637-25.
  - \* 1950 Post war trends in rural sawmill operation in the central states. The Lumberman 77: 61.
    - 1953 The wood pallet industry: Its development and progress toward standardization. U.S. Forest Products Laboratory Report R1957.

- Deitschman, Glenn H. and Herrick, David E.
  - \* 1957 Logging injury in Central States upland hardwoods. Jour. Forestry 55(4): 273-277.
- Herrick, Allyn M.
  - 1946 Grade yields and overrun from Indiana hardwood sawlogs. Purdue Univ. Agr. Expt Sta. Bul. 516.
- Herrick, David E.
  - \* 1955 Tractive effort required to skid hardwood logs. Forest Prod. Jour. 5(4): 250-255.
    - 1955 Skidding resistances in hardwood logging. Northeast. Logger 4(1): 16-17, 37, 48-49.
- Herrick, David E. and Deitschman, Glenn H.
  - \* 1956 Effect of tractor logging upon hardwood stands. Forest Prod. Jour. 6(10): 403-408.
- Herrick, David E. and Jackson, Willard L.
  - \* 1957 The butt log tells the story. Sta. Note 102.
- Kellogg, L. F.
  - 1941 Log grade of timber in eastern Ohio: I. Eastern white pine on Mohican River Gorge, Holmes County, Ohio. Tech. Note 38.
- Kellogg, L. F. and Kuenzel, John G.
  - \* 1945 Lumber grade recovery from shortleaf pine and mixed oak in northern Arkansas. Jour. Forestry 43(1): 10-15.
- Kellogg, L. F. and Hartman, G. B.
  - 1948 Preliminary report of yields of lumber by grades from Iowa timber. Sta. Note 43.
- Kuenzel, J. G. and Sutton, C. E.
  - 1937 A study of logging damage in upland hardwoods of southern Illinois. Jour. Forestry 35(12): 1150-1155.
- McCoy, E. Wesley.
  - \* 1957 How to minimize the effects of tension wood in cottonwood. Sta. Note 103.
- Morgan, J. T.
  - 1951 Stationary chippers for processing low-quality and waste wood. Northeast. Wood Util. Council Bul. No. 33, pp. 19-26.

- Page, Rufus H. and Herrick, David E.
  - 1957 A guide-line light over the log deck can increase sawmill profit. Ga. Forestry Comm.
    Release 14.
- Parrish, Wayne B., Myser, W. C. and Pool, M. P.
  - \* 1957 Radio-isotopes--a possible means for finding defects in logs and trees. Jour. Forestry 55(11): 851-852.
- Quigley, Kenneth L. and Rogers, Nelson F.
  - 1955 Teamwork builds post and pole industry in Missouri Ozarks pine forests. Wood Preserving News 33(11): 10-11, 30. (Also printed in part as "New markets for pine in Missouri Ozarks" in Div. of Resources and Development Newsletter, Jefferson City, Missouri 7(12): 9-10.)
- Rice, William W.
  - \* 1959 Use a stacking jig for better lumber packages. Sta. Note 131.
- Roach, Benjamin A.
  - \* 1956 Logging costs for central hardwoods. South. Lumberman 193(2409): 53-54.
- Walters, C. S.
  - 1949 The Illinois veneer container industry (a cooperative study financed in part by Norris-Doxey funds.) Illinois Agr. Expt. Sta. Bul. No. 534.
- Whitmore, Roy A.
  - \* 1958 Bundling hardwood slabs for better marketing. Sta. Note 113.
  - \* 1958 Air-drying lumber to increase mill profits. Tech. Paper 158.
- Whitmore, Roy A. and Jackson, Willard L.
  - \*1956 Increase your profit in the woods. Tech. Paper 151.
- Winters, R. K.
  - \* 1948 The importance of economic considerations in wood-waste utilization research. Proc. Forest Prod. Research Soc. Meeting, 1948: 15-21. Paper Trade Jour. 127(3): 22.

Winters, R. K., Chidester, Gardner, H. and Hall, J. Alfred
\* 1947 Wood waste in the United States. Report No. 4
from a Reappraisal of the Forest Situation, U.S.
Forest Service.

Worthington, Robert E.

- 1937 An inquiry into the cost of tractor logging in southern pine. Preliminary report of the Southern Forest Expt.Sta.
- 1939 Costs of tractor logging in southern pine. U.S. Dept. Agr. Tech. Bul. 700.

# Forest Protection

# Fire

- Barrett, L. I.
  - 1931 Possibilities of fire-extinguishing chemicals in fighting forest fires. Jour. Forestry 29(2): 214-218.
  - 1944 Even small fires damage trees. Willow Springs News, Willow Springs, Mo. Feb. 1944.
- Crosby, John S.
  - 1953 The role of burning index in fire-danger estimation. Fire Control Notes 14(2): 10-11.
  - 1954 Using a danger meter to predict fire probability. Fire Control Notes 15(3): 18-21.
  - \* 1954 Probability of fire occurrence can be predicted. Tech. Paper 143.
    - 1955 Research helps control fires. The Salem Post, Forestry Edition 43(27): 2.
    - 1958 Fire danger meters. Proc. R-9 Fire Meeting, June 1958: 31-36.
- Crosby, John S. and Fine, Lee C.
  - 1955 More about the tractor-drawn fire rake. Fire Control Notes 16(3): 14-18.
- Loomis, Robert M. and Stephens, Virgil
  1958 Fan psychrometer. Fire Control Notes 19(4):
  136-137.

# Disease

- Bretz, T. W. and Buchanan, W. D.
  - 1957 Oak wilt fungus not found in acorns from diseased trees. Plant Disease Reporter 41(6): 546.
- Bretz, T. W. and Jones T. W.
  - 1957 Oak flowers may serve as infection courts for the oak wilt disease. Plant Disease Reporter 41(6): 545.
  - 1958 Oak wilt distribution through 1957. Plant Disease Reporter 42(5): 710.
- Brinkman, K. A.
  - 1952 Oak wilt mortality in an unmanaged Iowa forest. Jour. Forestry 50: 941-942.
- Buchanan, W. D.
  - 1955 Too many Dent County trees found defective due to bugs, burns and blazes. The Salem Post, Forestry Edition 43(27): 3.
  - 1956 Preliminary tests indicate that the small oak barkbeetle may be a vector of the oak wilt fungus. Plant Disease Reporter 40(6): 654.
  - \* 1957 Brentids may be vectors of the oak wilt disease. Plant Disease Reporter 41(8): 707.
    - 1958 The small oak barkbeetle transmits the oak wilt disease under caged conditions. Plant Disease Reporter 42(4): 546.
  - \* 1958 The small oak barkbeetle transmits the oak wilt disease. Jour. Forestry 56(6): 414-415.
    - 1958 Oak wilt vector studies in Missouri. Proc.
      Thirteenth Annual Meeting North Central Branch,
      Ent. Soc. America, 13: 9-10.
- Englerth, George H.
  - 1955 The viability of the oak wilt fungus in red oak lumber. Assoc. South. Agr. Workers Proc. 1955: 108.
- Englerth, George H., Boyce, John S. Jr. and Roth, Elmer R. 1956 Longevity of the oak wilt fungus in red oak lumber. Forest Sci. 2(1): 2-6.
  - 1956 Oak wilt fungus can be killed by steaming or kiln-drying. South. Lumberman 192(2400): 46.

# Jones, T. W.

- 1958 Mortality in wilt infected oaks. Plant Disease Reporter 42(4): 552-553.
- Jones, T. W. and Bretz, T. W.
  - \* 1955 Transmission of oak wilt by tools. Plant Disease Reporter 39(6): 498-499.
    - 1955 Radial penetration of the oak-wilt fungus into the boles of diseased trees. Plant Disease Reporter 39(11): 872.
    - 1958 Experimental oak wilt control in Missouri. Univ. Mo. Res. Bul. 657.
    - 1958 First report of tree mortality from Fomes annosus root rot in Missouri. Plant Disease Reporter 42(8): 988.

# Whitten, Russell R.

- 1954 Dutch elm disease and elm phloem necrosis. Proc. Ninth Ann. Mtg., North Cent. Branch, Ent. Soc. America, p. 36.
- 1955 Dutch elm disease and elm phloem necrosis.
  Davey Bul. 44(4): 3-4.
- 1955 Transmission of the disease. Control of Dutch Elm Disease, Proc. of Mtg. sponsored by Ill. State Chamber Com. Nov. 10, 1955: 8-14.
- 1955 Statement on Dutch elm disease and elm phloem necrosis. Mist Spraying and Dutch Elm Disease Control.
- \* 1956 Elm disease sprays: Formulas & ingredients. Sta. Note 92.
  - 1956 Protecting against Dutch elm disease. Misc. Release 10.
  - 1956 Protecting against Dutch elm disease. Trees Mag. 16(2): 6,19,22.
  - 1956 Transmission of the disease. Mist Spraying and Dutch Elm Disease Control, pp. 3-8.
  - 1956 Spraying for Dutch elm disease control.
    Essentials of Dutch Elm Disease Control, Proc.
    Conf. on the Control of Dutch Elm Disease,
    Nov. 13, 1956, Ill. State Chamber of Commerce,
    pp. 20-25.
  - 1957 Dutch elm disease control. Misc. Release 12.

## Whitten, Russell R. and Swingle, Roger U.

\* 1958 Dutch elm disease and its control. U.S. Dept. Agr., Agr. Info. Bul. 193.

Wollerman, Edward H.

1956 Dutch elm disease. Abstract of Tree Protection Short Course, Univ. of Minn. Inst. Agr. 34-37.

Wray, Robert D.

1958 Save those elms! Horticulture 36(5): 268-269, 287.

## Insects

- Central States Forest Experiment Station
  - 1957 Forest Pest Observer. Vol. 1, No. 1.
  - \* 1959 Forest Pest Observer. Vol. 2, No. 1.
  - \* 1959 Forest Pest Observer. Vol. 3, No. 1.
  - \* 1959 Forest Pest Observer. Vol. 3, No. 2.
- Donley, David E.
  - 1958 Systemics in pest control. Proc. Thirteenth Midwestern Shade Tree Conf., pp. 8-10.
  - 1958 Use of systemic insecticides on forest and shade trees. Proc. Thirteenth Annual Meeting, North Central Branch, Ent. Soc. America. 13: 74.
  - \* 1959 A note on the persistence of phosdrin. Jour. Econ. Ent. 52(5): 1015-1016.
- Finn, Raymond F. and Limstrom, Gustaf A.
  - \* 1957 Black locust sprouts also susceptible to borer attacks. Sta. Note 101.
- Hall, Ralph C. (Bureau of Entomology and Plant Quarantine.)
  - 1932 The locust borer and its control. U.S. Bur. of Ent. Forestry Ent. Brief No. 29.
  - \* 1933 Suggestions for locust borer control. Sta. Note 5.
    - 1935 Cape Cod pitch pine: Its resistance to gipsy moth defoliation and its advantages as a forest tree. Jour. Forestry 33(2): 169-172.
    - 1936 Control of the Nantucket Pine Tip Moth in the central states. Bur. of Ent. No. E-369.
    - 1937 Growth and yield of ship mast locust on Long Island and its relative resistance to locust borer injury. Jour. Forestry 35(8): 721-727.
    - 1942 Control of the locust borer. U.S. Dept. Agr. Cir. 626.
- Hay, C. John
  - 1958 Life history and control of a root collar borer (Euzophera ostricolorella Hulst) in yellow-poplar. Jour. Econ. Ent. 51(2): 251-252.
- Hay, C. John and Wootten, John F.
  - \* 1955 Insect damage in hardwood sawlogs. Tech. Paper 148.

- Hay, C. John and Wootten, John F.

  1956 Insect damage in hardwood sawlogs. South.

  Lumberman 192(2399): 59,62. (Reprint of Tech.

  Paper 148.)
- Rivas, Alfred M. and Buchanan, W. D.
  1958 A new technique for rearing carpenterworms.

  Jour. Econ. Ent. 51(3): 406-407.
- Whitten, Russell R.

  1956 Revised spray recommendations for control of elm
  bark beetles. Arborist's News 21(2): 9-12.
- Wollerman, Edward H.

  1956 Strains of black locust resistant to borer.

  Proc. Third Northeast. Forest Tree Improvement Conf. 1955: 35-38.
- Wollerman, E. H. and Putnam, L. S. \* 1955 Daphnids help to screen systemics. Jour. Econ. Ent. 48(6): 759-760.
- Wollerman, E. H., Reese, C. R. and Kiefer, A. S.
  1955 Control of black locust insects by systemics.
  Jour. Econ. Ent. 48(6): 760-761.
- Wootten, John F.
  1959 Virus for sawfly control. Ohio Christmas Tree
  Growers Bul., Nov. 1959.

# Range Management

- Baskett, Thomas S., Dunkeson, Robert L. and Martin, S. Clark
  - 1957 Responses of forage to timber stand improvement in the Missouri Ozarks. Jour. Wildlife Mangt. 21(2): 121-126.
  - \* 1958 Ten-year timber-cutting cycle provides a continuing supply of forage. Sta. Note 125.

## Day, Ralph K.

- 1930 The relation of grazing to farm woodland management. Mimeo. Ohio Forestry Assoc., Columbus, Ohio. February 1930.
- 1930 Destructive effect of grazing the farmwoods.
  Purdue Agriculturist. October 1930.
- 1930 Grazing the farmwoods of the central states.
  Mich. Agriculturist. November 1930.
- 1930 Grazing out the birds. Amer. Forests 36(9): 555-557, 594.
- 1930 Protection from grazing is essential to the welfare of the farmwoods of the central states. First Central States Forestry Congress Proc., Indianapolis, Indiana, pp. 175-189.
- 1934 Farmwoods afford poor forage and deteriorate rapidly when overgrazed. Yearbook of Agr. pp. 205-207.
- 1934 Reduce woodland grazing by increasing pastures. Sta. Note 12. (Rev. 1936.)

## DenUyl, Daniel and Day, Ralph K.

\* 1934 Woodland livestock carrying capacities and grazing injury studies. Purdue Agr. Exp. Sta. Bul. 391. (Rev. January 1939.)

# Diller, Oliver D.

- 1935 The effect of woodland grazing on certain site factors in the oak-hickory type. Sta. Note 24.
- 1937 The forage cover in heavily grazed farmwoods in northern Indiana. Jour. Amer. Soc. of Agron. 29(11): 924-933.

# Ehrenreich, John H.

- 1959 Some statistical considerations involved in sampling plant cover and composition. Proc.

  Symposium on Techniques and Methods of Measuring Understory Vegetation, Oct. 1958: 133-138.
- \* 1959 Effect of burning and clipping on growth of native prairie in Iowa. Jour. Range Mangt. 12(3): 133-137.
- \* 1959 Releasing understory pine increased herbage production. Sta. Note 139.
- Kucera, C. S. and Martin, S. Clark
  - 1957 Vegetation and soil relationships in the glade region of the southwestern Missouri Ozarks. Ecology 38: 285-291.

# Martin, S. C.

- 1950 Problems in control of woody vegetation in pasture development. Weed and Sprout Control Short Course and Conf. Proc., Mo. Univ. Col. of Agr. and Agr. Expt. Sta. Prog. Rpt. 9, pp. 10-11.
- 1952 Apparent kill of persimmon and sassafras by application of 2,4-D and 2,4,5-T. Tech. Paper 132.
- 1955 Overall forest range management in the Ozarks region. The Ozarks Mountaineer 3(11): 7; 3(12): 10.
- \* 1955 The place of range livestock in the Missouri Ozarks. Jour. Range Mangt. 8(3): 105-111.
- \* 1955 Grazing forestry relationships in Missouri Ozarks. Soc. of Amer. Foresters, Proc. 1954: 203-205.
- \* 1955 Range problems in the Missouri Ozarks. Misc. Release 9.
- \* 1957 You can kill post oak saplings in Missouri with Ammate and an ax. Sta. Note 105.

#### Martin, S. Clark and Clark, F. Bryan

- 1954 Controlling hardwood sprouts with foliage sprays. Tech. Paper 145.
- 1955 Control hardwood sprouts with foliage sprays.

  Sho-Me Live Wire 6(5): 9-10. (Reprint of Tech.

  Paper 145).

- Martin, S. Clark and Crosby, John S.
  - \* 1955 Burning and grazing on glade range in Missouri.
    Tech. Paper 147.
    - 1956 Burning and grazing on glade range in Missouri. Sho-Me Live Wire 7(4): 6, 7(5): 5. (Reprint of Tech. Paper 147).
- Martin, S. Clark, Dunkeson, Robert L. and Baskett, Thomas S.

  \* 1955 Timber harvests help offset forage decline in
  Missouri's managed forests. Jour. Forestry
  53(7): 513-516.
- Martin, S. C., Nichols, J. M. and Klingman, Dayton L.

  \* 1954 Controlling woody plants with 2,4,5-T; 2,4-D
  and ammate. Univ. Mo. Agr. Ext. Bul. 615.
- Univ. of Missouri College of Agriculture Extension Service and Central States Forest Experiment Station \* 1954 How to kill woody plants. Univ. Mo. Ext. Service Folder No. 26.

# Watershed Management

Arend, John L.

1941 Infiltration rates of forest soils in the Missouri Ozarks as affected by woods burning and litter removal. Jour. Forestry 39(8): 726-728.

Arend, John L. and Knight, D. Manley

1940 A portable infiltrometer and unit system for determining relative infiltration rates. Tech. Note 11.

Central States Forest Experiment Station

1929 Forest conditions within the Ohio River watershed. (Relation of forestry to the control of floods in the Mississippi Valley.) House Doc. 573, 70th Congress, 2nd Session.

Clark, F. Bryan

1954 Clear, abundant water comes from good forest management. Ozark Mountaineer 3(1): 7.

Frank, Bernard

\* 1951 Watershed forestry to safeguard our soil, water, and timber. Tech. Paper 119.

Goodell, B. C.

\* 1939 A soil boring tool for frost depth determination. Jour. Forestry 37(6): 457-459.

Kellogg, L. F. et al.

1933 Watershed and related forest influences. Senate Doc. 12, 73rd Congress, 1st Session, pp. 299-461. Separate No. 5.

Kraebel, C. J. and Kellogg, L. F.

\* 1938 The forest guardians of our watersheds. Jour. Forestry 36(9): 858-860.

McCarthy, E. F.

1927 Forest cover as a factor in flood control.
Amer. Soc. Civil Eng. Proc. 53: 2511-2518.

- McCarthy E. F. (Con.)
  - 1929 Forest cover as a factor in flood control. Amer. Soc. Civil Eng. Proc. 55: 102.
- Whipkey, R. Z. and Fletcher, P. W.
  - \* 1959 Precipitation and runoff from three small watersheds in the Missouri Ozarks. Mo. Agr. Expt. Sta. Bul. 692.
- Wray, Robert D.
  - 1959 Floods, frost, and forests. Jour. Soil and Water Conservation 14(6): 266.

# Annual Reports

| Central | State | s Forest Experiment Station Staff                  |
|---------|-------|----------------------------------------------------|
|         | 1928  | First annual report (For calendar year 1927).      |
|         | 1929  | Second annual report (For calendar year 1928).     |
|         | 1930  | Third annual report (For calendar year 1929).      |
|         | 1931  | Fourth annual report (For calendar year 1930).     |
|         | 1932  | Fifth annual report (For calendar year 1931).      |
|         | 1933  | Sixth annual report (For calendar year 1932).      |
|         | 1934  | Seventh annual report (For calendar year 1933).    |
|         | 1935  | Eighth annual report (For calendar year 1934).     |
| *       | 1936  | Ninth annual report (For calendar year 1935).      |
| *       | 1937  | Tenth annual report (For calendar year 1936).      |
|         | 1938  | Eleventh annual report (For calendar year 1937).   |
| *       | 1940  | Twelfth and thirteenth annual reports (Combined    |
|         |       | for calendar years 1938 and 1939).                 |
|         | 1941  | Fourteenth annual report (For calendar year 1940). |
|         | 1942  | Fifteenth annual report (For calendar year 1941).  |
|         | 1943  | Sixteenth annual report (For calendar year 1942).  |
|         | 1944  | Seventeenth annual report (For calendar year 1943) |
|         | 1945  | Eighteenth annual report (For calendar year 1944). |
|         | 1946  | Nineteenth annual report (For calendar year 1945). |
| *       | 1947  | Twentieth annual report (For calendar year 1946).  |
|         | 1948  | Twenty-first annual report (For calendar year      |
|         |       | 1947).                                             |
|         | 1949  | Twenty-second annual report (For calendar year     |
|         |       | 1948).                                             |
|         | 1950  | Twenty-third annual report (For calendar year      |
|         |       | 1949).                                             |
|         | 1951  | Twenty-fourth annual report (For calendar year     |
|         |       | 1950).                                             |
|         | 1952  | Twenty-fifth annual report (For calendar year      |
|         |       | 1951).                                             |
|         | 1953  | Twenty-sixth annual report (For calendar year      |
|         |       | 1952).                                             |
|         | 1954  | Twenty-seventh annual report (For calendar year    |
|         |       | 1953).                                             |
|         | 1955  | Fifteen minutes from now (For calendar year 1954). |
|         | 1956  | Meet informin' Norman (For calendar year 1955).    |
|         | 1957  | Norman's informin' again (For calendar year 1956). |

Central States Forest Experiment Station Staff (Con.) 1958 1957 Annual report. \* 1959 1958 Annual report.

# Miscellaneous

## Auten, John T.

- 1930 How dry is it? Mich. Agriculturist. October issue.
- 1932 Pioneers and virgin hardwoods. Amer. Forests 38(9): 483-487.
- 1933 The story of Hay Holler. Amer. Forests 39(9): 387-389, 426-427.
- 1936 The wooded earth. Amer. Forests 42(2): 51-53, 94-95.
- \* 1945 How to restore forest wealth. Amer. Forests 51(2): 60-62, 84, 90.

# Baker, Willis M.

- 1932 Some highlights of the forestry situation in the central states. Third Central States Forestry Cong. Proc., Louisville, Kentucky.
- 1932 The common problems of forestry and agriculture.
  Mimeo. Ohio Forestry Assoc., Columbus, Ohio.
- 1932 Five-year progress report of the Central States Forest Experiment Station, 1927-1932. Mimeo.
- 1933 Land utilization in the central states from the standpoint of a forester. Fourth Cent. States Forestry Congress Proc., Chicago, Illinois, pp. 93-100.
- 1934 A new deal for conservation. Missouri Land Use Conference, Univ. of Missouri.
- 1935 What forestry means to the Ohio Valley. Ohio Valley Improvement Assoc., Wheeling, W. Va.
- 1935 An eight-year progress report of the Central States Forest Experiment Station. Mimeo.
- 1936 Some problems of forest research in the central states. Proc. Seventh Cent. States Forestry Congress, Elkins, W. Va., pp. 40-43.
- 1937 A research program for Missouri. Univ. of Missouri Agr. Expt. Sta. Bul. 392, pp. 131-139.

#### Baker, Willis M., et al. (Co-authored)

1933 National forestry programs summarized as to responsibility, costs, financing, and needed legislation. Senate Doc. 12, 73rd Cong. 1st Session, pp. 1587-1638. Separate No. 16.

- Barrett, L. I.
  - 1944 Public aid in building a productive forest resource. Cross Tie Bul.
- Barrett, L. I. and Wells, James D.
  - 1944 Ohio forests--problems and solution. Contribution to "Ohio's Forest Resources." Ohio Div. of Forestry Pub. No. 76.
- Brinkman, Kenneth A. and Ehrenreich, John H.

  1959 Forest or forage in the western Missouri
  Ozarks? Ozarks Mountaineer. Nov. issue.
- Carbondale Branch Staff
  - 1948 The Kaskaskia Experimental Forest, Carbondale Branch Station. Misc. Release 2.
- Central States Forest Experiment Station Staff
  - 1935 Publications, articles, and mimeographs prepared by the staff of the Central States Forest Experiment Station. (Rev. May 1, 1936; Jan. 1, 1938; Nov. 1, 1944; Nov. 1, 1947; and Jan. 1, 1950.)
  - 1936 Publications of the Central States Forest Experiment Station. (Rev. Jan. 1, 1938; Nov. 1, 1944; Nov. 1, 1947; and Jan. 1, 1950).
  - 1938 Publications of the Central States Forest Experiment Station. (Rev. Nov. 1, 1944; Nov. 1, 1947; and Jan. 1, 1950).
  - 1944 Publications of the Central States Forest Experiment Station. (Rev. Nov. 1, 1947; and Jan. 1, 1950).
  - \* 1955 Vinton Furnace Experimental Forest. (In cooperation with The Baker Wood Preserving Company, McArthur Division).
- Chapman, A. G.
  - 1944 Original forests. Contribution to "Ohio's Forest Resources." Ohio Div. of Forestry Publication No. 76.
- Clark, F. Bryan
  - 1954 Wooden nickels or wooden dollars. Ozark Mountaineer 2(11): 3.
- Day, Ralph K.
  - 1934 Forestry and land use in the central states. Jour. Forestry 32(1): 57-62.

- Day, Ralph K. (Con.)
  - 1944 Forest economy. Contribution to "Ohio's Forest Resources". Ohio Div. of Forestry Pub. No. 76.
- Diller, O. D.
  - 1934 Crop reduction and the farmwoods. Indiana Farmers Guide, Huntington, Indiana. June 9, 1934.
  - 1936 The cornbelt farmer and the farmwoods. Indiana Farmers Guide 92(24).
- Genaux, Charles M. and Kuenzel, John G.
  1940 About these Iowa forests. Farm Science
  Reporter 1(1): 13-15.
- Hall, J. Alfred
  - 1941 Talks. Including: The job of forestry research in the central states (11/26/40), pp. 1-5; What can be done to encourage use of Ohiogrown hardwoods (2/1/40), pp. 6-12; An effective forestry program for Ohio (1/30/41), pp. 13-21; Forestry research in the central states (5/1/41), pp. 22-27; Limitations and potentialities of forestry in southeastern Ohio (9/11/41), pp. 28-33; Forests and farms in southeastern Ohio (8/24/41), pp. 34-42.
  - 1941 Forests, land and people in Kentucky and Tennessee. Proc. First Ann. South. Chemerg. Conf.
- Kuenzel, John G.
  - 1935 The gnawing of metal tree tags by rodents. Jour. Forestry 33(5): 532-533.
  - 1938 A brief history of the Central States (Ohio Valley) Section, Soc. of American Foresters, 1922-1937. Mimeo.
  - 1941 Tom Porter gets "over the hump." Service Bul. 25(17).
- Lane, Richard D.
  - 1947 Program analysis, Carbondale Branch, Central States Forest Experiment Station. Misc. Release 1.
  - 1948 Science goes to the forest. Ill. Wildlife 3(2): 10-11.
  - 1955 Forest research center. South. Alumnus 17(1): 2-4, 18, (Southern Ill. Univ.).

# Liming, Franklin G.

- 1948 The place of forest research in Missouri. The Missouri Log 1: 15-18.
- 1949 Northern Ozark forest research center. The Missouri Log 2: 11-16.
- 1951 Forest problem analysis and research program for the Missouri Ozarks. Misc. Release 7.
- 1955 The Ozarks forester. Sho-Me Live Wire 6(6): 9-10; 6(7): 12; 6(8): 10; 7(1): 11; 7(2): 11-12; 7(3): 12; 7(3): 4. (Reprint of Misc. Release 7, "Forest problem analysis and research program for the Missouri Ozarks," 1951.)

## McCarthy, E. F.

- 1928 Forest problems in the hardwoods. Tenth Southern Forestry Cong. Proc., pp. 52-57.
- 1928 Research in American forestry. Gamma Alpha Record 18(2).
- 1929 Yellow poplar leaflet. Amer. Woods Series.
  U.S. Forest Service.
- 1930 The central hardwood forests--a research task. First Cent. States Forestry Cong. Proc., Indianapolis, Indiana, pp. 232-244.

# McGinnies, William G.

1958 Central States Forest Experiment Station.
Resource Conserv. 7(7): 3.

#### Merz, Robert W.

1955 Some forest and water relations. Assoc. South. Agr. Workers Proc. 1955: 197.

## Minckler, Leon S.

- 1949 Land and living; land resource problems of southern Illinois. Public Aid in Illinois 16(6): 1-4.
- 1950 The professional education of a silviculturist.

  Paper presented in panel discussion, Div. Silvic.,

  Soc. Amer. Foresters Ann. Mtg., Washington D. C.

  1950.
- 1953 Good forestry practices can produce new wealth in southern Illinois. Gen. Telephone Co. of Ill. News 11: 17-19.

# Mitchell, Harold L.

1947 Publications of the Central States Forest Experiment Station 1927 through 1946. (Rev. Jan. 1, 1950).

- Mitchell, Harold L. (Con.)
  - 1950 Publications of the Central States Forest Experiment Station, July 1927 through December 1949. (Rev. 1955.)
- Quigley, Kenneth L.
  - \* 1955 Growing trees grow dollars. Ky. Agr. Expt. Sta. Leaflet 153.
- Rogers, Nelson F.
  - 1956 Wide variety of experiments in progress here. The Salem Post, March 29, 1956.
- Rogers, Nelson F. and Wray, Robert D.

  1958 Federal Forestry Service protects and fosters
  our Ozarks timber. Ozarks Mountaineer 6(6): 13, 18.
- Schober, Helen C.
  1955 List of publications. Misc. Release 6. (Rev. 1960.)
- Williamson, M. J.
  - 1955 Forest research center studies mountain timber resources. Mountain Life & Work 31(2): 23-26.
  - 1958 Forestry development in Appalachia. Mountain Life & Work 34(1): 8-13.
- Winters, R. K
  - 1950 The first half century. Fifty years of forestry in the USA. Soc. Amer. Foresters, Washington, D. C.
- Wray, Robert D.
  - 1955 Ohio's lumber laboratory. Cols. Sunday Dispatch Mag. June 26, 1955: 6-8.
  - 1957 Federal forest research in Ohio. Northeast. Logger 6(4): 28-29, 64-65.

# Author Index

Numbers refer to pages on which the author's publications are cited.

Adman, A. G. 15
Arend, John L. 56
Attridge, J. Milton 33
Auten, John T. 20,28, 29, 60
Averell, J. L. 41

Baker, Willis M. 20, 40, 60 Barrett, L. I. 15, 29, 47, Baskett, Thomas S. 53, 55 Becker, Maxwell E. Beers, Thomas W. 24 Boyce, John S., Jr. 48 Boyce, Stephen G. 13, 25, 33, 37 Bretz, T. W. 48, 49 Brinkman, Kenneth A. 29, 33, 35, 40, 42, 48, 61 Brundage, M. R. Brunson, F. Dean 10, 11 Buchanan, W. D. 48, 52 Bulgrin, Erwin H. Byrd, J. M. 5

Campbell, J. R. 30
Cann, James J. 5
Carbondale Branch Staff 61
Carmean, Willard H. 29, 33
Central States Forest Experiment Station 5, 43, 51, 55, 58, 59, 61

Champagne, E. Garth 40, 43 Chapman, A. G. 20, 21, 23, 25, 29, 33, 40, 61 Chidester, Gardner H. 46 Clark, F. Bryan 3, 12, 13, 15, 21, 25, 29, 33, 54, 56, 61 Clark, W. P. 43 Clements, V. A. 19 Compton, L. F. 5 Conway, Emmett A. 5 Crawmer, J. Richard 5, 6, 15, 16, 17, 18 Crosby, John S. 47, 54 Crowthers, Gerald W. Cummings, William H. 12, 21, 29, 34

Dale, Martin E. 34
Day, Besse B. 42
Day, Ralph K. 1, 34, 40, 43, 53, 61, 62
Deitschman, Glenn H. 12, 22, 23, 25, 26, 30, 34, 36, 38, 44
DenUyl, Daniel 19, 34, 53
Diller, O. D. 15, 16, 30, 34, 40, 53, 62
Donley, David E. 51

Dunkeson, Robert L. 53, 55

Ehrenreich, John H. 54, 61 Emmer, R. E. 12, 16, 17, 18, 19 Engle, LaMont G. 21, 34 Englerth, George H. 48

Farrell, John H. 1
Fassnacht, Donald L. 36, 38, 40, 42
Fine, Lee C. 47
Finn, Raymond F. 22, 26, 27, 30, 35, 51
Fletcher, P. W. 57
Forest Management Staff 26
Forest Survey Organization 6
Frank, Bernard 56
Funk, David T. 23, 30, 35

Gaiser, R. N. 12, 21, 30
Garver, R. D. 10
Genaux, Charles M. 40, 62
Goodell, B. C. 30, 56
Green, Alan W. 13, 21, 35
Green, LeeRoy 21
Greth, John W. 35, 38, 40
Gruschow, George F. 40
Gysel, Leslie 7

Hall, J. Alfred 41, 46, 62 12, 31, 41, 51 Hall, Ralph C. Hartman, G. B. 44 Hartong, A. L. Hay, C. John 51, 52 Headlee, T. M. 43 Herrick, Allyn M. 44, 45 Herrick, David E. Hornbeck, Benn L. 3 Hosner, J. F. 1, 35, 41, 42 Hutchison, O. Keith 1, 7, 10, 12, 14, 41

Jackson, Willard L. 42, 44

Jensen, Chester E. 10, 11, 12, 38

Johnson, Floyd A. 18

Johnston, John P. 35, 36

Jones, T. W. 48, 49

Joranson, Philip N. 36

Kaeiser, Margaret 41 Kautz, Lorin G. 21 Kellogg, L. F. 1, 2, 13, 15, 16, 18, 19, 21, 22, 35, 44, 56 Kiefer, A. S. King, D. B. 7 Klingman, Dayton L. 55 Knight, D. Manley Kraebel, C. J. 56 Krajicek, John E. 2, 31, 33, 35, 40 Kramer, Paul R. 10 Kucera, C. S. 54 Kuenzel, John G. 13, 18, 22, 36, 40, 41, 42, 44, 62

Lamendola, Paul E. 38, 42
Lane, Richard D. 14, 22, 25, 26, 31, 33, 36, 41, 62
Leney, Lawrence 12
Lexen, B. R. 19
Liming, Franklin G. 13, 21, 33, 36, 41, 63
Limstrom, G. A. 22, 26, 31, 36, 42, 51
Lindeman, Karl 7
Little, Elbert L., Jr. 42
Loew, Erwin A. 8
Loomis, Robert M. 47

McCarthy, E. F. 19, 36, 37, 56, 57, 63 McCauley, Orris D. 2, 3 McComb, A. L. 22, 31, 42 McCoy, E. Wesley 44 McGinnies, William G. 63 McGuire, John R. 36 McLintock, Thomas F. 22, 37 McMaster, William C. Marshall, E. D. 37, 53, Martin, S. Clark 54, 55 Mendel, Joseph J. 2 Merz, R. W. 12, 13, 21, 23, 25, 26, 27, 31, 37, 63 Meyer, B. S. 31 Minckler, Leon S. 13, 23, 31, 35, 37, 38, 42, 63 Mitchell, Glen H. 2, 3, 4 Mitchell, Harold L. 63, 64 Morgan, James T. 3, 7, 9, 42, 44 Munns, E. N. Myers, Ben F. 24 Myser, W. C. 45

Neckers, J. W. 25 Neebe, David J. 13, 25, 35 Nichols, J. M. 55

Page, Rufus H. 45
Parrish, Wayne B. 45
Parry, Robert E. 33
Pennock, Gilbert L. 6
Pillow, Maxon Y. 41
Plair, T. B. 29
Plass, William T. 24, 27, 37, 38
Pool, M. P. 45
Pruett, Emerson 24
Putnam, J. A. 42
Putnam, L. S. 52

Quigley, Kenneth L. 2, 3, 4, 8, 13, 45, 64

Requirements, Products Supplies Staff Reese, C. R. Rice, William W. 45 Richman, H. W. 2 Rivas, Alfred M. 52 Roach, Benjamin A. 31, 38, 39, 45 Roberts, E. V. Rogers, Nelson F. 27, 37, 39, 45, 64 Root, Cornell A. Roth, Elmer R. 48 Rothacker, Jack S. Ryker, Russell A. 23, 24, 42

Sander, Ivan L. 32, 39
Schlemmer, Nelson 8
Schnur, G. Luther 14, 19
Schober, Helen C. 64
Schramm, W. O. 8, 17, 18, 19
Seizert, B. F. 36
Setzer, Theodore 24
Sims, Ivan H. 29
Stephens, Virgil 47
Sturgeon, Edward E. 10
Sutton, C. E. 44
Swingle, Roger U. 49

Thornton, Phillip L. 4, 7, 9, 11, 14
Tonti, Edward 9
Train, Robert K. 38, 40, 42

Ulmer, Jacob S. 9 University of Missouri College of Agriculture Extension Service 55

Walters, C. S. 45 Walters, Russell S. 24, 32, 39, 43 Wells, James D. 61 Whipkey, R. Z. 57 Whitmore, Roy A. 4, 42, 45 Whitten, Russell, R. 49, 52 Williams, Robert D. 15, 21, 24, 39 Williamson, M. J. 32, 39, Winters, R. K. 5, 7, 11, 14, 45, 46, 64 Woerheide, John D. 12, 24 Wollerman, Edward H. 50, 52 Wootten, John F. 51, 52 Worley, David P. 4 Worthington, Robert E. 42, 46 Wray, Robert D. 50, 57, 64 Yoho, James G.



